# York High School Vision and Mission

**York High School strives to be an exemplary educational community where students, staff, and parents:**

Meet each child where he or she thrives.
Open access to college, career, and life readiness.
Expect exceptional growth of self and others.
Contribute to the environment of caring, respect, trust, and kindness.
Contribute to rigorous, relevant, and engaging instructional experiences.
Value each individual within the community of learners.
Develop a sense of social responsibility and grit.
Support a physical environment which promotes learning.

**Our goal for every York student is to be engaged, challenged, supported, and safe.**

We strive to **engage** each student by igniting his / her passion. This starts in an academic classroom, but extends to the pathways in the arts, electives, physical education, athletics and activities, and building relationships with each other and staff.

With a solid foundation, students must be **challenged** in order to grow and excel. Our curricular and extracurricular programs are designed to provide challenging and appropriate opportunities for each and every York student that will lead him/her to success outside of high school.

Students will be **supported** at York by teachers, counselors, deans, social workers, psychologists, nurses, police liaisons, support staff, and administrators. Early identification and focused interventions are critical to student success.

**Safety** is always our first priority for students. The work we do around security, discipline, and building maintenance are all focused on providing a safe, secure, clean environment for students and staff. We know that you entrust your most valuable people to us each day: their safety (emotionally and physically) is our first priority.

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York Students:

The York Course Offering Book, containing over 200 courses in required and elective areas, is prepared by the York High School faculty and administration in order to provide you with a tool for planning your coursework at York in preparation for your collegiate and career experiences afterwards. As you begin to examine the courses which are available, please take the time to think first about your future plans, your goals for next year and well beyond. What do you want to be doing five and ten years from now? What are your interests and passions? Consult teachers, counselors, and parents for advice about which courses will best meet your needs.

We want to help you pursue your interests here at York!

Erin DeLuga
Principal

# Academic Policies and Information

## REGISTRATION

**Admission Procedures**
High school students moving into District 205 should contact York High School. In order to enroll, proof of custody, proof of residency in District 205 and a birth certificate are required. Students transferring from another Illinois public high school must present a completed ISBE Student in Good Standing Transfer Form from the previous high school. All students will need transcripts from previously attended high schools to verify classes taken and credits earned. A ninth grade transfer student will need transcripts from the last year in middle school.

**Financial Assistance**
York is a comprehensive high school committed to providing opportunities for all students. To ensure that students can participate in all that York has to offer, there are a number of options available to families experiencing financial hardship. These options include:

**District Financial Assistance for Student Fees and Books** – Families that meet guidelines established by the District can receive assistance with fees and book costs. To receive assistance, the Request for Financial Assistance form must be completed and returned to the District Office with the required supporting documentation within 90 days of the start of school. These forms can be found on the District 205 registration website at http://www.elmhurst205.org/forms or in the York Principal's Office.

**Free and Reduced Lunch** – Families that meet the federal guidelines are entitled to free or reduced lunch. To receive assistance, the Free and Reduced Lunch form must be completed and returned to the District Office within 90 days of the start of school. The form is available on the District 205 registration website or in the York Principals' Office.

**YSET** – a dedicated group of community members have formed the York Student Enrichment Team (YSET) to assist families with financial needs. The YSET application is available on the YSET website. Families applying for YSET are encouraged to first apply for District financial assistance.

## COURSE LOAD

Students must be enrolled in a minimum of five full credit academic classes, lunch and either Health, Physical Education or Driver's Education. All students are required to be enrolled in a minimum of 300 minutes per day - six periods plus lunch. Lunch is required for all students with the exception of work program students who leave after fifth or sixth period. Work study students with more than six periods must be scheduled for a lunch period. Except for seniors with off-campus privileges, all students are expected to be at school for 8 periods.

**Course Selection**
Each year York High School creates a master schedule for the following school year that reflects students' course requests made during course selection. Faculty members are employed, textbooks are purchased and rooms are assigned on the basis of these requests. Careful consideration of course selection by the student, parent and counselor prior to course selection is critical to this process. **In February, parents will be sent an email to verify requested courses through PowerSchool, and any schedule changes can be made until March 1st. After that date, schedule changes will only be made after April 15th, based on course availability.**

**Adding a Course**
Students may only add classes during the first week of each semester.

**Level Changes**
Level changes can only be made before the school year has started or at the change in semesters. Before any level change is considered, students must demonstrate that they have made an effort to succeed in the class by completing all homework and seeking additional help from the teacher or resource area staff member. If all efforts to improve have failed and the student still wishes to change, he/she must do the following:

1. Obtain a Request for Level Change Form from the department chair.
2. Have the teacher, department chair, and parents complete the Request for Level Change Form.
3. Return the form to the counselor. Students must remain in class for the remainder of the semester.

In some cases, other changes in the student's schedule will have to be made to accommodate the level change. If classes are full, or other scheduled conflicts occur, a level change may not be possible.

**Dropping a Course**
**Students may withdraw from a course without penalty during the first six weeks of the semester.** Students who drop a class after the first six weeks of the semester will receive a grade of WF and will have the failing grade included in their grade point average. The procedure for dropping a class is:

1. Obtain a Request for Schedule Change form from the department chair or teacher
2. Have the teacher, department chair and parents complete the Request for Schedule Change form
3. Return the form to the counselor

**Early Graduation**
Students must declare their intent to graduate early at the end of their seventh semester during the course selection process. Students must complete the Form for Early Graduation, and must secure approval from their counselor, parents and Assistant Principal for Curriculum and Instruction.

**Academic Credits**
All academic courses receive one credit per semester, including health and music. PE courses earn one-half credit per semester.

**Grade Point Averages and Honor Roll**
For the cumulative grade point average, all courses are assigned point values except PE, supportive study halls, and some activity classes.

For a single semester, GPA is figured by adding the point total (non-weighted) and then dividing by the number of classes. Then the fraction .20 for each honors class with a grade of A, B, or C is added to the GPA. For example, a student with two honors courses and four regular classes who earned a grade of B in every course would have a GPA of 3.40 (or 6 x 3 = 18 divided by 6 = 3.0 + (2x.20) for the two honors courses results in a GPA of 3.40).

When calculating GPA for multiple semesters, the honors weight of .20 is multiplied by the total number of honors credits and then divided by the number of semesters the student has been in school. The resulting fraction is then added to the cumulative GPA. This weighted GPA is used for honor roll and is shown on the transcript. Honor roll is determined at the end of each semester.

There are two honor rolls at York:
Honor Roll: GPA of 3.0 – 3.499
High Honor Roll – GPA of 3.5 and above

Grade Point Values:
A = 4 points, B = 3 points, C = 2 points,
D = 1 point, and F = 0

**Activity/Intervention/Service Course Credits**
The following activity course receives one credit per semester: Advanced Jounalism.

The following intervention courses receive one-half credit per semester: Academic Essentials, Work Habits, and Study Seminar.
The following service courses receive one-half credit per semester and all need approval: Principal's Office Aides, Teacher Aides, College and Career Center Aides, Bookstore Aides, Athletic Office Aides and Student Service Aides.

The following activity course receives one-fourth credit per semester: Student Council.

**Pass/Fail Option**
Required courses may not be taken for a Pass/Fail grade. Students may choose to take one elective course per semester on a Pass/Fail basis. This option is provided to encourage students to take a course for interest or need without the pressure of a letter grade. **The Pass/Fail Form must be completed with a parent's signature and returned to your counselor by the sixth week of the semester.** All course requirements remain the same and a student is graded throughout the course. However, only a Pass or Fail grade is recorded on the transcript with full credit given for courses successfully completed. Successfully completed Pass/Fail courses will not be averaged in a student's GPA. A failing grade in a Pass/Fail course will affect GPA and class rank like a failure in any course. Once a student elects to take a course on a Pass/Fail basis, the student must remain on Pass/Fail for the semester.

**Independent Study**
A program of independent study through the use of a learning contract is available as a one time opportunity. Students who wish to pursue special topics of interest or expand a specific area of an existing course may do so by entering into a learning contract with a member of the faculty. A student may earn up to one credit on any single contract. Contract forms are available with your counselor.

Students and teachers must work out the specifics of the credit to be earned, the method of evaluation, and the length and substance of the study. The project should provide students and teachers the opportunity to pursue a wide range of subjects and learning strategies.

**Auditing a Course**
Students interested in auditing a course at York for no credit should see a counselor for approval.

**Advanced Placement (AP) Credit**
A number of advanced courses at York help to prepare students to take the Advanced Placement Examinations given by the College Board each May. In these cours-

es, college level materials are studied and students are provided the opportunity to demonstrate college-level achievement. Such courses are offered in Art, English, French, Spanish, Calculus, Statistics, Computer Science, Music, Biology, Chemistry, Physics, United States History, Government, European History, Economics and Psychology. If the student scores a three or better on the examination, the student **may** receive college credit for this high school course and enter college with credits on his/her college transcript. In addition the student **may** be exempt from comparable freshman courses and/or be accepted in advanced courses. Students should consult colleges to verify if Advanced Placement credit is accepted. Many colleges also offer proficiency tests on campus for college credit and/or placement in advanced college level courses. Students should plan their course work early in their high school years to be prepared for the advanced high school courses.

**Dual Credit Classes**

Dual credit courses are those courses within the high school curriculum that allow students to earn both York High School credit and College of DuPage credit for the same course. Please visit to the Dual Credit page for a listing of courses available.

**Advanced College Project (ACP) Credit**

York has entered into an agreement with Indiana University (IU) that provides dual credit courses taught at York. Students enrolled in the following courses, who earn at least a C, receive credit for IU in addition to York. This credit is transferable to most four year colleges and universities. Students should contact colleges to make sure they accept IU transfer credit. Please visit the Dual Credit page for a listing of dual credit courses, and for the ACP course descriptions , please visit the individual department pages.

**Outside Credit**

Elmhurst College and District 205 provide an opportunity for student to combine high school and college courses during the senior year. York students may choose to take from four to twelve semester hours of credit at Elmhurst College while they continue with a high school program of their choice at York. This program is contingent upon the student qualifying for admission to the college and providing for his/her own college tuition payment. Similar options may be arranged with the College of DuPage or other nearby institutions. In some cases, full tuition scholarships are available.

With administrative approval prior to taking the course, two college credits from recognized institutions of higher learning may be transferred back to York if those credits are needed to fulfill a graduation requirement. Some colleges and universities do not give college credit for courses where high school credit is given.

**Correspondence or Online Course Credit**

Student who wish to make up or take additional courses may transfer up to two credits of a York approved correspondence or online course toward a York diploma. Before enrolling in a course outside of York, the student must consult a York counselor and receive official administrative approval of the course and school. The full responsibility for enrolling, doing the course work and verifying completion rests with the student and student's family (Board Policy 9655).

**Technology Center of DuPage (TCD) Credit**

Technology Center of DuPage (TCD), a career and technical education campus, prepares young people for a wide range of careers which require varying levels of education—from high school and post-secondary certificates to two and four-year colleges. Career programs, such as the ones available at TCD, help students develop skills and qualities through hands-on curricula.

Students should talk to their counselor if they are interested in attending TCD for the upcoming school year. York has a very limited number of openings for students to attend TCD, so admission into this program is extremely selective. Students may enroll at TCD junior year, senior year or both. The class is typically offered five days a week in an afternoon session at the campus in Addison. Transportation is provided by York High School.

# Dual Credit/Concurrent Enrollment Courses

Dual credit courses provide eligible high school students in grades 9 through 12 with the opportunity to enroll in selected courses for which, upon successful completion, they will receive both college and high school credit. To be assured that a college course will transfer to a particular college or university, please visit the website of the specific college or university, contact them directly, or go to www.itransfer.org or www.transferology.com.

Classes are taught at the high school during the regular school day by high school teachers who are also approved as adjunct faculty at the College of DuPage or Indiana University. Students pursuing dual credit should remember that these courses become part of the permanent collegiate level academic record. The grade earned in a dual credit class will appear on the student's official college transcript.

## COLLEGE OF DUPAGE DUAL CREDIT COURSES

Qualifying students, 9th through 12th grade, have the opportunity to receive credit from both York High School and the College of DuPage in Glen Ellyn, Illinois.

The following **full year** courses are available at this time:

- Food and Restaurant Mgmt #0850 (COD CULIN 1120)
- Invitation to Teach # 0864 (COD EDUCATION 1100 and 1101)
- Spanish Heritage II Honors #0459 (COD SPAN 2206)
- Spanish Heritage III Honors #0460 (COD SPAN 2208)
- Technical Drafting with CAD #0570 (COD MANUFACTURING 1101)

The following **semester** courses are available at this time:

- Business Management Honors #0751 (COD BUSINESS 1100)
- Personal Finance Honors #0740 (COD BUSINESS XXXX)
- Architectural Drafting with CAD #0574 (COD ARCHITECTURE 1211)
- Principles of Physics Technology #0515 (COD ELECTRONICS 1110)

The following **semester** courses will be offered for dual credit pending approval from COD:

- Computer Concepts and Skills #0760 (COD OFTI 1200)
- 2D Game Design #0712 (COD CIS 1211)
- Technical Writing #0006 (COD ENGLI 1110).

The specific course descriptions can be found under the individual department pages.

Additionally:

- At the time of this publication, no tuition and/or fees will be assessed in order to obtain the College of DuPage credit.
- Freshman and Sophomore students will be required to obtain appropriate written recommendation and approval of the course instructor in order to receive dual credit.
- Transcript requests must be made directly by the individual students to COD upon completion of the class.
- Enrolled students will have full access to College of DuPage resources.
- Students may enroll in the class even if they are not pursuing dual credit with the College of DuPage.

# INDIANA UNIVERSITY
# DUAL CREDIT COURSES

Students who have solid academic preparation and a desire for more advanced work and college level rigor, are good candidates for Advance College Project (ACP) courses, through which they earn credit from both York High School and Indiana University in Bloomington, Indiana.

The following **full year** college courses are available at this time:

**Math:**
- Functions & Finite Math H-ACP (IU M118)
- Calculus II w/ Applications ACP (IU M212)
- Calculus III ACP (IU M311)

**Social Studies:**
- US History ACP #0152 (HIST H105/H106)

**World Language:**
- French 3 Honors/ACP #0421 (IU F200)
- French 4 Honors/ACP #0422 (IU F250)
- Italian 3 Honors/ACP #0495 (IU FRIT200)
- Italian 4 Honors/ACP #0432 (IU FRIT250)
- Spanish 3 Honors/ACP #0481 (IU S200)
- Spanish 4 Honors/ACP #0482 (IU S250)

The following **semester** courses are available at this time:

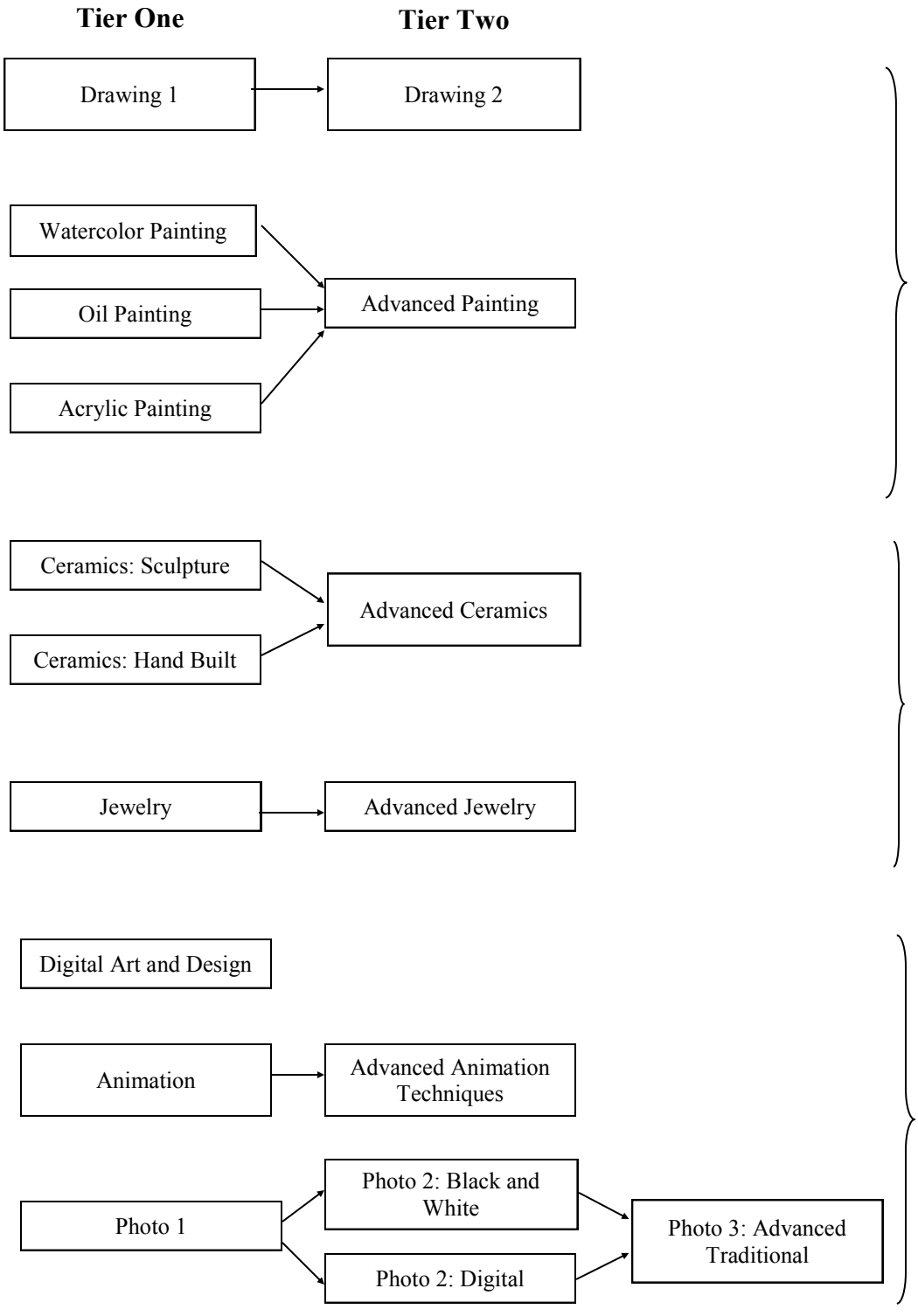
**English:**
- Composition 101 Honors #0046 (IU W131)
- Literature 101 Honors #0049 (IU L202)
- Rhetoric 101 Honors #0047 (IU COLL P155)

**Social Studies:**
- Sociology H ACP # 0167 (IU S100)

The specific course descriptions can be found under the individual department pages.

Additionally:
- Students who have solid academic preparation and a desire for more advanced work and college level rigor, are good candidates for ACP courses.
- For the 2018-19 School year, tuition cost will be $75 per semester hour ($225 for a 3 hr. course) and will be payable directly to the IU Bursar's Office in the fall of 2018. Tuition is waived for students who qualify for Free and Reduced Lunch.
- Students must have a GPA of 2.70 or higher in order to be eligible for ACP courses and must have completed 9th grade.
- Students are subject to IU's policies regarding attendance, late work, and academic dishonesty.
- Transcript requests must be made directly by the individual students to Indiana University upon completion of the course.
- Students do not need to be enrolled as an IU/ACP student to be in an ACP class. However, students must be enrolled for college credit at the time the course is taken. There is no retroactive enrollment or awarding of college credit.
- Qualifying for and/or taking an ACP course does not guarantee admission to IU.

# Art Course Overview




When students are interested in pursuing Advanced Placement Art as a junior or senior, they should plan their pathway through the art courses. All Tier 1– art courses can be taken in any order followed by other Tier 1 courses or the corresponding Tier 2 – advanced courses and additional courses. Two courses including one in a Tier 2 and the submission of a portfolio are required for potential acceptance into AP courses (Tier 3). Portfolios must be submitted to the Art Department for review one week prior to registration.

# Art

The York High School Art Department is dedicated to developing the artistic talents of our students through a comprehensive program. The department focuses its efforts in a variety of media. We offer courses of education in drawing and painting, digital and traditional photography, ceramics and sculpture, jewelry and metalsmithing, animation, digital design and art history. Our classes are sequenced from beginning to advanced levels including college bound Advanced Placement programs. Incoming students can expect a nurturing, yet challenging, curriculum that emphasizes not only technical skills, but the creative and theoretical aspects of the arts.

**One course in Art fulfills the fine arts requirement for graduation.**

## Clubs and Organizations

**MURAL CLUB**
Painting murals develops a sense of community and will beautify the school environment. Mural Club students will learn how to paint on a large scale, work with peers to develop concepts and complete projects from start to finish. Mural Club meets every week in Room A143. When we are working on a larger project, we will meet more often during the week.

**PHOTOGRAPHY CLUB**
The Photography Club is open to all students interested in photography. This club will give members an opportunity to learn about traditional black and white photography, digital photography, studio lighting, the darkroom, Photoshop and alternative photographic processes through projects and studio time. Other opportunities such as field trips and visiting artists will be made available when possible. Bi-monthly meetings will be held after school in Room A128.

## Course Descriptions

**#0610 Drawing I**
Grades 9-12 / 1 Semester - 1.0 credit

This course stresses the basics of the drawing process. Students will learn to draw from observation as well as learn various methods of drawing from two-dimensional sources. Hand-eye coordination exercises are used in order to promote sensitive observations and line quality. Students will use pencil, charcoal, ink, and pastel among other materials.

*Rationale:* Students will want to take the beginning drawing class as an introduction to all other drawing and painting activities that the York Art Department offers. This is an excellent beginning for students who would like to go into the fine arts, commercial art, fashion and interior design or architecture.

**#0612 Drawing II**
Grades 10-12 / 1 Semester - 1.0 credit
*Prerequisite:* Drawing I with a grade of B or better

Students will continue their investigation of drawing, using techniques and materials with more challenging concepts and compositional problems. Through a variety of projects that will be completed, students will primarily draw from the human figure as fellow students take turns posing. Students will learn to deal with gesture, proportion, volume and foreshortening as they learn to capture the human form on a sheet of paper. Materials will include pencil, charcoal, ink, pastels and stains.

*Rationale:* This course is essential for the serious art student who wants to continue with drawing as a hobby or as a career in the fine arts or commercial art. Students interested in fashion illustration will find this class extremely useful. This course is beneficial for students needing a portfolio for college admissions.

**#0616 Watercolor Painting**
Grades 9-12 / 1 Semester - 1.0 credit

Students will explore the freedom and spontaneity of watercolors while gaining control of brush techniques, glazing and color mixing. Subject matter will include landscape themes (cloud, water, and foliage effects, architecture and land masses), animals and portraiture. The course supply fee covers some basic materials; however, students may want to augment their supplies later in the semester.

*Rationale:* This course serves two kinds of students. The first is the student who will enjoy painting as a recreational or part-time activity. It also serves the student planning a career in any field of art in that the student will learn a sensitivity to color usage as well as to painting technique. Commercial artists as well as painters can benefit from this course.

**#0618 Oil Painting**
Grades 9-12 / 1 Semester - 1.0 credit

Students will be acquainted with the rich possibilities of oil paint. Control of blending techniques and subtle color mixing will be stressed. Subject matter will center on "photographically real" themes such as traditional landscape portraiture and still life. Students will also explore a painterly brushstroke approach. The course supply fee covers some basic materials; however, students may want to augment their supplies later in the semester.

*Rationale:* The course is excellent for the student planning a career as a painter or as a commercial artist in illustration. It is also an excellent class for the student who is looking for a personal means of self-expression.

**#0620 Acrylic Painting**
Grades 9-12 / 1 Semester - 1.0 credit

Students will use synthetic paints and learn to control their quick drying properties. Painting techniques will include the traditional brush techniques, blending, painterly brushstroke approach and color usage. Subject matter will focus on stylized contemporary imagery. The course supply fee covers some basic materials; however, students may want to augment their supplies later in the semester.

*Rationale:* For most students, the painting techniques will be of value for the purpose of becoming professional or "weekend" painters. The color usage component of the class is helpful for those students who want to be illustrators, graphic designers, fashion designers or commercial artists. The knowledge learned in this class can be transferred to auto-body painting.

**#0615 Advanced Painting**
Grades 9-12 / 1 Semester-1.0 credit
*Prerequisite*: Watercolor Painting (0616), Oil Painting (0618) or Acrylic Painting (0620) with a grade of B or better

Advanced painting is designed to meet the educational needs of students who have successfully completed a semester of Watercolor painting, Oil painting or Acrylic painting. Students will continue in the previously explored medium requiring a certain level of mastery defined by achieving a B+ or better in the previous painting class. Subject matter will revisit standard topics and techniques at a more advanced level. The attention will be on developing final products that focus on complexity of composition, detail, technique and the use of elements and principle of art in their design work. Drawing on their previous experience in painting, students will develop a mastery of skills previously explored. Students will be placed within the beginning painting courses and act as a mentor and example of artistic and skill development

*Rationale:* In all areas of Art, practice and experience improves the technical skill of the artist. This course revisits the techniques and concepts of the beginning painting courses allowing students to continue to develop both their technical and artistic abilities at a level of increased complexity

**#0650 Art Survey**
Grades 9-12 / Semester - 1.0 credit
*Prerequisite*: IEP recommendation or counselor placement

This class will provide selected students with art activities that introduce them to a wide variety of art activities to promote growth in artistic endeavors. The goal of this course is to instill love of different forms of fine art and nurture the lifelong enjoyment of this hobby.

**#0672 Photo 1**
Grades 9-12 / 1 Semester - 1.0 credits
*Prerequisite:* Students must have access to a manual 35mm SLR film camera

A beginning course in photography designed to improve students' skills and knowledge of photography as an art form. Students will learn to control exposure, depth of field, motion, and composition while using their own 35mm FILM SLR camera. Students will gain knowledge that will help them with several types of photography, from black and white photography to digital photography. Students will learn the basics of different cameras and darkroom techniques. Students will need to provide their own 35mm SLR film camera with a manual override option. Students should expect to spend a minimum of $50 on supplies during the semester. This course meets the requirements for Photo 2: Black and White and Photo 2: Digital

*Rationale:* Photographic processes are a part of our way of life in the 21st century. Photography is an important tool of communication in the fine arts and in the world of advertisements. Students who are interested in using this means of expression as a fine art of as a commercial photographer are encouraged to take this beginning photography class. This class would also be helpful to future industrial graphics students, fashion photographers, architectural photographers, and even those students just wanting to learn how to use a camera and compose more interesting photographs. Art students interested in drawing, painting, and the 3-D art forms would find this course valuable in preparing themselves

for art college.

**#0674 Photo 2 - Black and White**
Grades 9-12/ 1 Semester - 1.0 credit
*Prerequisite:* Photo I with a grade of B or better and access to a manual 35mm SLR film camera

This course is designed to further the technical and aesthetic development in photography. Students will continue to gain working knowledge of exposure, depth of field, motion, and composition as well as how to operate a camera. Students will begin to explore artistic expression as well as their individual style through a variety of assignments. Students will need to provide their own 35mm SLR film camera with a manual override option. Students should expect to spend a minimum of $50 on supplies during the semester. This course meets the requirements for Photo 3.

*Rationale:* Students will begin to expand and further their knowledge of how to use a camera to communicate visually and develop their own style as a photographer. This class would also be helpful to future industrial graphics students, fashion photographers, architectural photographers, and even those students just wanting to become more confident in using a camera to compose more interesting photographs. Art students interested in drawing, painting, and the 3-D art forms would find this course valuable in preparing themselves for art college.

**#0676 Photo 2 - Digital**
Grades 9-12 / 1 Semester - 1.0 credit
*Prerequisite:* Photo 1 with a grade of B or better and access to digital point and shoot or digital SLR camera

Explore the digital darkroom using both traditional photographic knowledge and digital input. Students will acquire tools for expressive communication using Adobe Photoshop for scanning, manipulation, printing and web portfolios. The use of Photoshop will be geared towards improving photographic images through adjusting exposure, color, levels, etc. Students will learn the basics of how to manipulate images using Photoshop while paying attention to overall design. Students will explore both the technical and aesthetic side of photography and how the "digital revolution" is changing the medium of photography. Students must supply their own digital camera for this course (either digital point and shoot or digital SLR cameras will work).
This course meets the requirements for Photo 3.

*Rationale:* Photography has changed over the years, and digital photography is becoming more and more common. Students will learn how black and white and digital photography are similar as well as how digital photography has changed how photography is used. This course will help not only the beginning photographer feel more comfortable and confident with photography, but will also help those students interested in pursuing a career in photography or art related fields.

**#0659 Photo 3 - Advanced Traditional Photo**
Grades 9-12 / 1 Semester - 1.0 credit
*Prerequisites*: Photo 2 with a grade of B or better and a manual 35 mm SLR film camera

This course is designed to further technical and aesthetic development in black and white, along with color photography. Students will explore alternative processes, including Holga, Polaroid transfers, hand-coloring and color processes. Emphasis will be placed on the development of a consistent body of photographic work while demonstrating refined technical skills. Students will need to provide their own 35mm camera equipped with a manual override option. Students should expect to spend $50 on supplies during the course of the semester.

**#0660 Digital Art and Design**
Grades 9-12 / 1 Semester - 1.0 credit

Students will learn the fundamentals of design within the realm of digital art as it pertains to the many components of artistic expression. Using Adobe Photoshop as well as other Adobe Illustrator, students will learn how to produce artwork with technology while continuing to learn composition and color theory. In Digital Art and Design, students will focus on techniques and skill of design with computer-based applications that are relevant in fine art and in many areas of the design industry such as CD package design, photo retouching and computer based illustration.

*Rationale:* Digital Art and Design intends to introduce students to using the computer as an artistic tool. It offers a curriculum for those students interested in digital art and media or those looking to purse graphic design, illustration or animation areas in the future.

**#0642 Animation Techniques**
Grades 9-12 / 1 Semester - 1.0 credit

In this course, students will take their knowledge of traditional animation and focus on developing animated film shorts. Techniques include story development (including character development), storyboard illustration, sculpting and scene development. Animation Techniques has a production team-based environment; deadlines, collaboration and cooperative development are essential to success.

*Rationale:* Animation Techniques intends to create an environment typical to small animation studios where production teams work to the best of their ability to produce short animated features using stop motion anima-

tion. Students who are interested in teaching the time arts in the future will benefit from this traditional, yet still viable, art experience.

**#0665 Advanced Animation Techniques**
Grades 9-12 / 1 Semester - 1.0 credit
*Prerequisite:* Animation Techniques (0642) with a grade of B or better

In Advanced Animation Techniques, the student will focus on all aspects of computer and traditional animation and filmmaking. Lighting, color, storyboarding, character design, camera theory and acting for animation as they apply to filmmaking will be covered. From the first day, each student production team will begin the preliminary development of their two final group portfolio projects- one traditional animated story, and one digital animated story. Drawing on their knowledge of traditional and digital animation from Animation Techniques, students are guided through a concept development process involving story development, visual research, storyboard, character design, set design and prop design.

*Rationale:* Advanced Animation Techniques intends to create small film production companies within a studio where film making teams work to the best of their ability to produce short animated films. Students interested in pursuing the time arts will gain extensive knowledge in the actual software used in feature length films.

**#0625 Jewelry**
Grades 9-12 / 1 Semester - 1.0 credit

This course will deal with hand construction techniques in metal done with lost wax casting. Students will be able to make pins, rings, belt buckles, earrings and other metal artifacts. Objects will be made out of copper, brass, nickel, and sterling silver. Students will have to purchase their own sterling silver. Creative design and personal imagery are encouraged in the development of objects.

*Rationale:* The excitement of the class is in creating objects which can be immediately worn. Students will enjoy the class as a prelude to future careers as jewelers or in the fashion industry.

**#0626 Advanced Jewelry**
Grades 9-12 / 1 Semester—1.0 credit
*Prerequisite*: Jewelry (0625) with a grade of B or better

Students will continue their investigation of Jewelry, using the techniques and materials with more challenging concepts and compositional problems. Subject matter will revisit standard topics and techniques at a more advanced level. The attention will be on developing final products that focus on complexity of composition, detail, technique, the use of elements and principle of art in their design work and the approach of combining mixed mediums. Drawing on their previous experience in Jewelry, students will develop a mastery of skills previously explored. Students will maintain a sketchbook to develop their ideas from concept to completed final work.

*Rational:* In all areas of Art, practice and experience improves the technical skill of the artist. This course revisits the techniques and concepts of Jewelry 1 at a level of increased complexity with more focus placed on the individual students design concepts.

**#0632 Hand Built Ceramics**
Grades 9-12 / 1 Semester - 1.0 credit

Students will study the characteristics and possibilities of clay construction. Emphasis will be on coil and slab construction with an introduction into the use of ceramic glazes. There will be an introductory unit on the potter's wheel. Students will explore both the functional and expressive uses of clay.

*Rationale:* Students who enjoy working with their hands should enjoy this approach to art making. Ceramics can yield rich benefits as a beneficial past-time or as an introduction to careers in ceramics, sculpture or forms of three-dimensional illustration. Students who enjoy working with clay are also encouraged to take clay sculpture. A student who has taken both ceramic classes may ask the instructor for permission to take an additional semester of ceramics.

**#0629 Advanced Ceramics**
Grades 9-12 / 1 Semester—1.0 credit
*Prerequisite*: Clay Sculpture (0636) or Hand Built Ceramics (0632) with a "B" average or better

Advanced Ceramics will offer the opportunity for Clay Sculpture (0636) students to further their skills alongside Hand built Ceramics (0632) students in a rigorous curriculum that focuses on higher level thematic and symbolic approaches to their work. Advanced Ceramics will meet the needs of both Clay Sculpture (0636) Hand built Ceramics (0632) and Ceramic Techniques students by providing a class where they can choose direction and develop advanced skills with specific projects. Each assignment would be developed and class projects are designed to increase higher level cre-

**#0602 Art History**
Grades 10-12 / 1 Semester - 1.0 credit

Interpretation is the discovery and construing of a relationship between the patron, the artist, the object and contemporaneous historical circumstances surrounding the production of the work. This course will allow the student to explore larger conceptual issues: imagination, art market, censorship and so forth. While interpretation involves you as the viewer, as the 'reader' so to speak, it does not include merely your personal idiosyncratic reaction to a work of art. In this course, we instead look at the fluidity of history, and we use works of art as a vehicle to understand the past. Students will develop a variety of analytical skills as a method to understand a cultural context in which objects are conceived and created. Lectures, discussions and in-class exercises aim to help students hone their skills in observation and interpretation, activities that constitute the discipline of art history.

The York Art Department is seeking to prepare students for the AP Art History exam. The curriculum will focus on the standards and practices of the College Board.

**#0604 AP Art History**
Grades 11-12 / 1 Semester High Weighted Course - 1.0 credit

This course will continue development of analytical skills as they pertain to the conception and creation of art throughout time. Lectures, discussions and in-class exercises aim to prepare students skills in observation and interpretation as well as the sequencing of history evaluated in the AP Art History exam.
The curriculum will continue focus on the standards and practices of the College Board. While Art History I will focus on developing a baseline of knowledge, AP Art History will prepare students for the rigor of the AP Art History exam.

ative and conceptual thinking skills.

**#0636 Clay Sculpture**
Grades 9-12 / 1 Semester - 1.0 credit

Students will learn to make realistic sculptures in clay. Subject matter will include portraiture and large scale busts, animals and landscapes. Students will learn the proper use of an armature, how to hollow out a sculpture and how to prepare a piece for a kiln firing. In the process, students will learn fundamental values in art such as form, line, movement and texture.
Students will learn to make realistic sculptures in clay. Subject matter will include proportion, large scale busts, animals. Students will learn the proper use of an armature, how to hollow out a sculpture and how to prepare a piece for a kiln firing. In the process, students will learn fundamental values in art such as form, line, movement and texture.

The diversity of student projects will provide opportunities for students to reflect on each others solutions to assignments and to develop a descriptive art vocabulary, thereby learning the characteristics of functional and nonfunctional clay forms.

*Rationale:* This course will enable students who like to work with their hands a chance to make art in three dimensions. Besides appealing to budding sculptors, clay sculpture also allows students who have been concentrating on drawing and painting classes a chance to use their skills in a totally different medium. Students who enjoy this class might also want to take ceramic classes.

**#0605 AP Studio Art: Drawing**
Grade 10-12 / Full Year High Weighted Course- 2.0 credits.
*Prerequisites*: A minimum of 2 semesters of 2-D Art including one Tier 2 class and art faculty approval

Student candidates will submit a portfolio of recent art work and be interviewed by a committee of art faculty. Students will complete their application to the AP program by completing a summer art work assignment exploring the student's strengths in their chosen medium. The art work will be due two weeks prior to the start of school.

This course is designed for the student who plans to pursue art after high school. Students will prepare portfolios of their work that reflect their personal goals for the AP Drawing Test given in May. In addition, the class will help prepare the student for college and job opportunities, scholarships and competitions.

*Rationale*: The Advanced Placement class is intended to serve the serious art student. It is meant to prepare students for the competitive art world after high school.

**#0606 AP Studio Art: 2-D Design**
Grade 10-12 / Full Year High Weighted Course- 2.0 credits
*Prerequisites*: A minimum of 2 semesters of 2-D Art, including one Tier 2 class, and art faculty approval
Student candidates will submit a portfolio of recent art work and be interviewed by a committee of Art faculty. Students will complete their application to the AP program by completing a summer art work assignment exploring the students strengths in their chosen medium. The art work will be due two weeks prior to the start of school.
This course is designed for the student who plans to pursue art after high school. Students will prepare portfolios of their work that reflects their personal goals for the AP 2-D Design test given in May. In addition, the class will help prepare the student for college and job opportunities, scholarships and competitions.

*Rationale*: The Advanced Placement class is intended to serve the serious art student and is meant to prepare students for the competitive art world after high school.

**#0607 AP Studio Art: 3-D Design**
Grade 10-12 / Full Year High Weighted Course- 2.0 credits.
*Prerequisites*: A minimum of 2 semesters of 3-D Art, including one Tier 2 class and art faculty approval

Student candidates will submit a portfolio of recent art work and be interviewed by a committee of art faculty. Students will complete their application to the AP Program by completing a summer art work assignment exploring the students strengths in their chosen medium. The art work will be due two weeks prior to the start of school.

This course is designed for the student who plans to pursue art after high school. Students will prepare portfolios of their work that reflects their personal goals for the AP 3-D Design test given in May. In addition, the class will help prepare the student for college and job opportunities, scholarships and competitions.

*Rationale*: The Advanced Placement class is intended to serve the serious art student. It is meant to prepare students for the competitive art world after high school.

# Business and Technology Career Clusters and Course Overview

## Finance and Accounting

- Accounting
  - Accounting II (Honors)
- Personal Finance (Honors, Dual Credit)

## Computer Science and Programming

- AP Computer Science Principles
  - AP Computer Science A
    - Advanced Topics in Computer Science
  - 2D Game Design (Dual credit pending)
- Computer Programming

## Management

- Introduction to Business
- Business Law
- Business Management (Honors, Dual Credit)

**Career Internship**

Career exploration for all CTE areas! Earn credit for out of school work experiences!

PEARSON VUE-Authorized Test Center

## Computer Applications and Hardware

- Computer Concepts and Skills (Dual Credit Pending)
- Microsoft Office Specialist Certification
- Web Design
- Technology Services Internship (May be repeated)

Microsoft Office Specialist

Dw Ps

CompTIA A+ CERTIFIED

## Marketing

- Advertising
- Entrepreneurship
- Sports and Entertainment Marketing

# Business and Technology

The goal of the Business Department is to provide students with a comprehensive learning experience that actively engages and challenges each student to be continuing learners about the economy, technology, business and the responsibility of the individual as a consumer, a worker and a citizen. The course offerings provide an opportunity for students to acquire a foundation for higher education and careers in business fields.

Courses are offered in the career clusters of Finance, Management, Marketing, Computer Science and Programming, and Computer Applications and Hardware. Courses within a cluster provide students with a broad introduction to a variety of career opportunities and further education in many fields within the business sector.

**One semester of any business course fulfills the practical arts requirement, unless the course is being used to fulfill a consumer education requirement.**

Some Business courses also provide dual credit with College of DuPage at no cost to the student, or with Indiana University with a small associated cost. See the Dual Credit Offerings section of the Course Offerings book for details.

**Career Exploration Opportunities During High School**
Students have many opportunities during high school to explore various careers within their Business classes and beyond through shadowing and career internship programs.

**Opportunities After High School**
Students graduating with a solid Business background are well prepared to continue their business studies in junior colleges, four-year colleges and universities, and may eventually choose to pursue an MBA.

**Career Opportunities**

| Finance: | Management: | Computer Technology: | Marketing: |
|---|---|---|---|
| Accountant, Financial Planner, Tax Preparer, Financial Investment Advisor, Financial Analyst, Treasurer, Controller, Auditor, Economist, Credit Analyst, Loan Officer, Debt Counselor, Insurance Sales, Underwriter, Actuary | Entrepreneur, CEO, General Manager, Human Resources, Training and Development, Business Analyst, Cost Analyst, Project Manager, Sales, Executive Assistant, Business Manager | Network Administrator, Network Technician, PC Support, Telecommunications, Network Security Administrator, Technical Support Engineer, Software developer, Computer Programmer, Game and App developer | Advertising or Marketing Executive, Art/Graphics Director, Creative Director, Public Relations, Product Planner, Strategic Planner, Regional Sales Manager, Merchandising Manager |

## Course Descriptions

### FINANCE

**#0765 Accounting**
Grades 10-12 / Full Year Course - 2.0 credits
**Fulfills 2.0 credits of the 6.0 math credits required for graduation**

This course emphasizes accounting concepts as they relate to individuals, single proprietorship and corporations. The course stresses accounting terminology, concepts, and procedures in recording, summarizing and analyzing accounting activities. The course introduces computer automated accounting and spreadsheets. Students planning to major in accounting, business or finance in college will get an introduction to key accounting concepts in this course. Students pursuing employment positions in accounting, business or entrepreneurial professions will learn the fundamentals of how businesses maintain financial records.

**#0777 Accounting II Honors**
Grade 11-12 / Full Year High Weighted Course - 2.0 credits
Honors Credit
*Prerequisite*: Accounting

Through the interpreting and analyzing of financial data, students will gain an understanding of various activities necessary for efficient business management and decision making. Departmental, partnership and corporate accounting will be studied in depth. Emphasis will be

**#0740 Personal Finance H**
Grades 11-12 / 1 Semester High Weighted- 1.0 HS credit
**Dual Credit with COD (Business XXX—3 Credit Hours)**
**Fulfills the Consumer Education graduation requirement**

This course is an introduction to the concepts of personal finance. You will explore a complete framework for understanding the process of accumulating and protecting personal wealth, emphasizing the analysis of risk/return relationships as well as learning to understand investment alternatives and how strategies develop as life situations mature. Students enrolled in this course can earn 3 semester hours of college credit from COD while still in high school. This is an Honors level course with an accelerated pace. This course fulfills the consumer education graduation requirement.

**#0773 Technology Services Internship**
Grade 9-12 / Full Year - 2.0 credits
**May be repeated**

The Student Tech Services Helpdesk prepares students for real world jobs in the field of information technology. Students will provide first-line technical support resolving general device problems. Students will be trained to support students and teachers to ensure that all calls and problems are dealt with quickly and effectively. Troubleshooting hardware, basic network concepts, supporting new technologies and repairing devices will be taught in a hands-on class atmosphere. Students will gain an understanding of how a help desk functions and the role of customer service in today's world of technology. When not engaged in a tech help role, students will be working on a self-directed pathway of their choice. These pathways will be used to help prepare students for career readiness and certifications, for example Web Design, Programming, CompTIA A+, MOS (Microsoft Office Specialist) and Google Apps Certification. This course may be repeated.

*Note:* Students do not receive monetary compensation for this internship experience.

**#0776 Advanced Technology Services Internship**
Grade 10-12 / Full Year - 2.0 credits
**May be repeated**
*Prerequisite*: Technology Services Internship

Students who have completed Tech Services Internship for a full year may return as advanced students. Advanced TSI interns will assist the instructor in helping beginning level TSI interns in understanding class operations, such as customer service and ticket writing, assist in teaching repair techniques and have the opportunity to pursue new forms of tech certification or continue existing, professional-level certification. Students will act as leaders in the course, demonstrating an exemplary level of professionalism, proactive customer service attentiveness and repair proficiency. Students will have the opportunity to manage the TSI payment system and tracking of warranty and non-warranty repairs. The opportunity to obtain experience in Advanced TSI will afford students with an interest in technology or business the opportunity to continue towards their chosen career and interests.

*Note:* Students do not receive monetary compensation for this internship experience.

**# 0760 Computer Concepts and Skills**
Grades 9-12 / 1 Semester - 1.0 credit
**Dual Credit PENDING with College of DuPage**
**(Office Technology Information 1200 — 3 Semester Hours)**
*Dual credit is open to all Junior and Senior students. Freshman and Sophomore students need to submit a letter of recommendation from the classroom teacher at the time that they register for the dual credit course with COD .*

This is an introductory course in Microsoft Office utilizing the basic functions of file management, operating system, browser, word processing, spreadsheet, electronic presentation, and database software. This course is designed for the office professional or individuals wishing to learn and/or upgrade software skills. Pending dual credit approval from College of DuPage students will receive 3 semester hours of college credit.

**#3701 Computer Concepts and Skills**
Grade 9/ Full year course—2.0 credits
*Prerequisite:* IEP recommendation

This course is designed to teach students keyboarding skills and gain sufficient knowledge of computer functions in order to productively utilize word processing applications for personal and/or entry level job skills.

**#0759 Microsoft Office Specialist Certification**
Grades 9-12 / 1 Semester – 1.0 Credit

Through this course, students will develop and enhance their computer literacy skills to gain Microsoft Office Specialist certifications. Microsoft Office software is used by the majority of businesses to capture, create and share information about and within the organization. Programs such as PowerPoint, Word, Excel and Access help organizations manage information and manipulate data in order to achieve their business goals. Students can earn multiple Microsoft Office Specialist certifications for the different office programs listed above. MOS certifications validate a student/employees technology skill set to future employers and can aide a student in securing employment.

**#0713 Web Design**
Grades 9-12 / 1 Semester – 1.0 Credit

Through this course, students will develop skills in multimedia and web based design programs. Students enrolled in this course will learn the skills to be successful in creating and maintaining websites with the focus on real world business applications. Students will utilize software including Dreamweaver and Photoshop. This course prepares students to be successful in today's global business environment by helping them learn software used to build brand communications in graphic and web based environments.

## COMPUTER SCIENCE AND PROGRAMMING

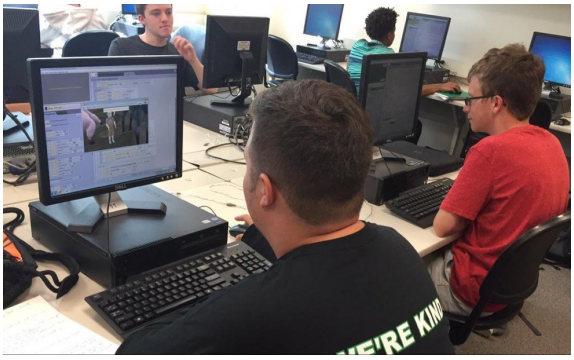
**#0755 Computer Programming I**
Grades 9-12 / 1 Semester - 1.0 credit
*Prerequisite*: Algebra AB or Algebra B with grade of at least C
NCAA approved course
**Fulfills 1.0 credit of the 6.0 math credits required for graduation**

Students will learn basic concepts of computer programming while creating interactive stories and games in a 3D environment. The course will focus on teaching vocabulary, techniques, and reasoning skills that can be applied to a variety of different object oriented programming languages. Students will use Alice 3 to study input/output, looping, decision structures, arrays, as well as graphics and concepts of program design.

**#0757 AP Computer Science Principles**
Grades 9-12 / Full Year High Weighted Course - 2.0 credits
*Prerequisite*: Successful completion of geometry or approval from the department

In AP Computer Science Principles students will learn how to use computer science to design and create digital artifacts. The seven big ideas covered in this course are creativity, abstraction, data, algorithms, programming, networks, and innovation. Students will earn college credit by successfully completing two performance tasks and an end of course AP exam assessment. Students will learn one or more basic programming languages as they study input/output, loops, control structures, arrays, manipulation of strings and implementation of classes. Most of the programs students create are graphical in nature, which gives a sense of real-world computer applications.

**#0774 AP Computer Science A**
Grades 10-12 Full Year High Weighted Course - 2.0 credits
*Prerequisite*: Advanced Algebra/Trig H, Geometry, Computer Programming H, or AP Computer Science Principles
NCAA approved course
**Fulfills 2.0 credits of the 6.0 math credits required for graduation**



Students will learn how to plan, write, and debug software using the Java programming language. This course will focus on structures, techniques, and algorithm designs that are common among modern object oriented languages. Throughout the course, students will review and practice for the end of course AP Exam that confers college credit. Topics include input/output, loops, control structures, arrays, strings and implementation of classes. Students learn how to design objects and are introduced to inheritance and polymorphism in order to reuse objects. Students analyze sorting and searching algorithms for efficiency and use recursive algorithms to solve problems.

**#0712 2D Game Design Honors**
Grades 10-12 / Semester High Weighted Course —1.0 Credit
*Prerequisite: Successful completion of AP Computer Science Principles or AP Computer Science A*

**Dual Credit with College of DuPage**
**(Computer Information Systems — 3 Semester Hours)**
*Dual credit is open to all Junior and Senior students. Sophomore students need to submit a letter of recommendation from the classroom teacher at the time that they register for the dual credit course with COD .*

Students will continue their computer programming studies

with a focus on designing interactive, two-dimensional games. The class will use the Gamemaker: Studio engine and participants will learn the elements of game development including player controls, sound, music and animation. Pending dual credit approval from College of DuPage, students will receive 3 semester hours of college credit.

**#0756 Advanced Topics in Computer Science**
Grades 10 - 12 / 1 Semester High-Weighted Course– 1.0 credits
*Prerequisite:* AP Computer Science A and Department permission
NCAA approved course
**Fulfills 1.0 credits of the 6.0 math credits required for graduation**

This course is a continuation of the study of computer science that students had in AP Computer Science A. Students will write complex programs in a semi-independent environment. The focus will be on more advanced data structures and planning and implementing software designs that meet real world objectives.

## MANAGEMENT

**#0710 Introduction to Business**
Grades 9-12 / 1 Semester – 1.0 Credit
*#4710 Prerequisite: IEP Recommendation*
**Fulfills the Consumer Education graduation requirement**

In this course students will learn and apply business and economic concepts that will enable them to become part of the global economy. This course examines the role of businesses in our daily lives from the perspectives of the business owner and the consumer. Topics studied in the course include the various types of businesses, business finances, business management, entrepreneurship, consumer responsibilities and business globalization. As a result of completing this course students will apply skills necessary as a successful consumer, worker, and citizen. Students will have a better understanding of the problems faced by and the opportunities available to business owners and managers. Students may also develop an idea of the type of industry they may want to explore as a potential career.

**#0730 Business Law**
Grades 10-12 / 1 Semester – 1 Credit

This course is designed to serve the student who is interested in the laws of business in everyday situations. This course will address statutes and regulations affecting businesses, families and individuals in their related roles. Topics include contracts, bailments, debtors, creditors, torts and current legal cases involving American companies. A case-problem approach is taken to enhance the meaning of new terms and concepts presented. This is an ideal course for any student interested in pre-law, engineering or business in college.

**#0738 Business Management Honors**
Grades 11-12 / 1 Semester High Weighted - 1.0 High School Credit
**Dual Credit with College of DuPage**
**(Business 1100 - 3 Semester Hours)**

This is course is designed to articulate the business operations and the functions of a manager: leading, motivating and controlling a team of workers. Students will study current and emerging management techniques being used by business leaders. Students

planning to major in business of finance will benefit from studying topics including: accounting and finance, marketing, operations management, human resources management and management information systems. This course is a dual credit course. In addition to the high school credit, students enrolled in this course will also receive three semester hours of transferable college credit from the College of DuPage at no cost to them.

**#0753 International Business**
Grades 10-12 / 1 Semester - 1.0 credit

This course will provide students with the basics of international business transactions and conditions. Units in the course include: Cultural Influences on Business, Governmental and Political Influences on Business, Organizing for International Business, Managing in a Global Environment, Information and Production Systems for Global Business and Marketing in a Global Economy. Students will also incorporate the use of internet resources into their learning of other countries'

business practices. This course will give students insight into international markets and how other countries conduct business.

## MARKETING

**#0764 Advertising**
Grades 10-12 / 1 Semester—1.0 credit

This course is an introduction to business advertising in the private enterprise economy from the viewpoint of the business owner. Questions such as what, why, to whom, where, when and how to advertise are explored through a variety of projects and problem based learning activities. Students will learn about the process of advertising in today's marketplace including the internet and social media advertising strategies. Other class activities include the creation of print media and mass media advertisements such as radio and television commercials. Students planning to major in business, marketing, advertising, commercial graphic design, or pursuing careers in retail or business management will benefit from learning about and practicing advertising strategies to attract potential customers. Through project based learning opportunities students will begin to develop artifacts for a professional marketing student portfolio.

**#0780 Entrepreneurship**
Grades 9-12 / 1 Semester – 1 Credit

In this course students will work in teams to develop a business plan proposal. Students will create an analysis of the business situation and produce a description of the way the business will operate. Students will apply entrepreneurial skills to a single sales/service activity that could be run as a real business venture. The business activity may focus on areas of interest to the business plan team. Students who take Entrepreneurship will develop career decision-making skills, practice problem solving, and become more aware of the role of entrepreneurs and free enterprise in today's society. Through project based learning opportunities students will begin to develop artifacts for a professional entrepreneurship student portfolio.

**#0758 Sports & Entertainment Marketing**
Grades 10-12 / 1 Semester—1.0 credit

In this course students will learn the seven basic marking functions through the in-depth study of sports and entertainment industries. Concepts addressed include sponsorships, endorsements, promotions, advertising, public relations, sport and movie marketing, and career opportunities in marketing and entertainment related fields. Students will complete a variety of individual and group projects including projects such as marking an entertainer, creating a plan for a new professional sports franchise, and marketing a theme park. Students will have the opportunity to expand their knowledge of the financial impact tied to marketing sports, entertainment, music, and films through projects, guest speakers, and field trips. Through project based learning opportunities students will begin to develop artifacts for a professional marketing student portfolio.

# Career and Technical Education

## Mission:

The Career and Technical Education Division will challenge students of all ability levels to develop problem solving, critical thinking, and decision making skills through real world applications. Learning experiences complement and enhance understanding of core academic concepts and help students develop technical, personal, and professional skills needed for future success.

Students have the opportunity to pursue career pathways within the departments of Business and Technology, Family and Consumer Science and Industrial Technology. Internship opportunities are provided through offsite business partnerships and in-house through District 205 Technology services. A variety of courses are offered in which students can earn college credit through partnerships with College of DuPage and Indiana University.

To learn more about CTE visit: **bit.ly/YorkCTE**

## NCAA Approved Science elective courses

- Chemistry of Food
- Principles of Physics Technology

## Clubs and Organizations

- DECA
- Family Career and Community Leaders of America (FCCLA)
- Skills USA
- National Technical Honors Society

## College Credit Courses

- Business Management Honors
- Computer Concepts and Skills (Pending)
- 2D Game Design (Pending)
- Invitation to Teach
- Food and Restaurant Management
- Principles of Physics Technology
- Architectural Drafting/CAD Honors
- Technical Drafting/CAD (year)
- Personal Finance

## Programs of Study

| Business | Family and Consumer Science | Industrial Technology |
|---|---|---|
| Computer Applications and Hardware | Culinary Arts, Hospitality Management, Nutrition and Dietetics | Architecture, Engineering and Manufacturing |
| Computer Science and Programming | Fashion and Apparel Services | Communication and AV Technology |
| Finance and Accounting | Human and Family Services, Early Childhood Education | Science Technology Engineering and Math |
| Management | Interior Design | Construction |
| Marketing | | Transportation & Logistics |

# Course Descriptions

## INTERNSHIP OPPORTUNITIES

**#0854 Career Internship I**
Grades 10-12 (minimum age 16) / Full year Course - 4.0 credits
**Fulfills Consumer Education Graduation Requirement**

Students will gain experience in a career field of their choice and "learn while they earn". This class includes one class period of in-school instruction where students will explore concepts and develop transferable skills to succeed in many career fields. Students will complete self assessments and discuss personal skills that aide in professional success. This course also includes an exploration of a variety of careers, resume development, job hunting and interviewing, workplace health and safety, education requirements, developing teamwork and leadership capabilities, networking, balancing work and personal life, budgeting, banking and managing credit, economics and taxes, insurance and future financial planning. Throughout the class students will develop a professional portfolio which will includes all career and education accomplishments.

Through the approved off-site internship experience, students practice and apply skills in order to develop specific career competencies. Students receive course credit for the work done at their internship site. Students will submit paystubs documenting an average of 15 hours worked per week. Prior to the start of the year, internship students must meet with their instructor to ensure that an approved internship setting has been secured. Students and employers will sign an internship agreement and students must maintain employment and adhere to specific internship rules throughout the year in order to maintain course enrollment. The internship coordinator, student, and internship site employer work closely together to ensure a beneficial work-based experience. Projects and additional job shadowing experiences will help students explore the full range of positions associated with their career of choice. This course emphasizes first hand job training and development of workplace skills deemed critical by employers.

**#0855 Career Internship II**
Grades 11-12 - Full Year Course - 4.0 credits
*Prerequisite:* Career Internship I

Students who have successfully completed Career Internship I can continue to expand their knowledge of their chosen career field through class and on site job experiences. Students will prepare career portfolios and, through a variety of projects, explore additional career competencies such as career investigation, interpersonal communication, interviewing, leadership and entrepreneurship. Participation in extracurricular competitions is recommended.

**#0773 Technology Services Internship**
Grade 9-12 / Full Year - 2.0 credits
**May be repeated**

The Student Tech Services Helpdesk prepares students for real world jobs in the field of information technology. Students will provide first-line technical support resolving general device problems. Students will be trained to support students and teachers to ensure that all calls and problems are dealt with quickly and effectively. Troubleshooting hardware, basic network concepts, supporting new technologies and repairing devices will be taught in a hands-on class atmosphere. Students will gain an understanding of how a help desk functions and the role of customer service in today's world of technology. When not engaged in a tech help role, students will be working on a self-directed pathway of their choice. These pathways will be used to help prepare students for career readiness and certifications, for example Web Design, Programming, CompTIA A+, MOS (Microsoft Office Specialist) and Google Apps Certification. This course may be repeated. *Note:* Students do not receive monetary compensation for this internship experience.

# English

## CORE ENGLISH COURSES

**#3020 Core English**
Grades 9-12 / Full Year Course - 2.0 credits; repeatable
*Prerequisite:* IEP recommendation

This course will focus on functional English and will emphasize literature, grammar, vocabulary development and writing skills.

**#0013 English 9**
Grade 9 / Full Year Course - 2.0 credits
NCAA approved course

In this college prep course, English 9 students refine their reading, writing, listening, and speaking skills while examining inquiry questions regarding tolerance, friendship and social responsibility. Students also work to construct a more sophisticated understanding of characterization and character development, the levels and dimensions of setting, and authorial and narrative point of view. Students experience and analyze a variety of texts, ranging from novels and plays to poetry and non-fiction in an effort to develop a greater understanding of the text and the world.

**#0027 Academic Literacy 9**
Grade 9 / Full Year Course - 2.0 credits
*Prerequisite:* Students are recommended for Academic Literacy through the ninth grade English placement process or teacher recommendation.

Academic Literacy 9 is a course designed to accelerate a student's growth as a reader with specific attention to his or her comprehension, fluency, multisyllabic word reading, and vocabulary. Students receive direct instruction in key reading strategies including previewing, predicting, and identifying an author's purpose, inferences, questioning, connecting and summarizing. In addition to these strategies, students also learn both content vocabulary and vocabulary strategies, as well as receive fluency instruction. The Academic Literacy teachers work in conjunction with the English 9 and World Studies instructors in order to pre-teach or re-teach skills that are being addressed in the content area classes.

**#0010 English 9 Honors**
Grade 9 / Full Year High Weighted Course - 2.0 credits
*Prerequisite:* Determined by placement rubric and spring placement testing
NCAA approved course

English 9 Honors is a Pre-AP course that is designed to begin preparing students for the AP Language and Composition Exam as juniors and the AP Literature and Composition Exam as seniors.

This course requires students to demonstrate a sophisticated ability to read and analyze texts and examine not only how they inform a response to inquiry questions, but also how the author has utilized characterization, setting, and point of view, as well as specific literary choices to craft his or her bias or meaning. Expectations of E9H students include analysis of more than one text concurrently; students will be responsible for reading both an in-class and out-of-class text simultaneously. E9H also distinguishes itself from English 9 in that English 9 Honors requires daily participation in whole and small group class discussions and quicker acquisition of skill targets or objectives—especially in the area of writing.

**#3119 English 1**
Grade 9 / Full Year Course - 2.0 credits
*Prerequisite:* IEP recommendation
NCAA approved course

This course stresses acquisition and improvement of reading comprehension, writing skills, vocabulary development and spelling. Students in this course will receive additional instruction in the primary elements of effective reading (fluency vocabulary, comprehension and phonics) in order to improve their skills. General introductory literature will be presented.

**#0033 English 10**
Grade 10 / Full Year Course - 2.0 credits
NCAA approved course

English 10 invites sophomores to respond to engaging, student-centered questions: "To what extent does one's environment affect one's behavior?" "What does it mean to be responsible?" "What are the qualities of a good leader?" and "What does it mean to be just?" Discussion, reading, and writing are based upon the students' analysis of questions such as these through a variety of texts like *Night, Fahrenheit 451,* and *Lord of the Flies, Taming of the Shrew, To Kill a Mockingbird* and a variety of supplemental texts.

**#0015 Academic Literacy 10**
Grade 9-10 / Full Year Course - 2.0 credits
*Prerequisite:* Students are recommended for Academic Literacy through the ninth grade English placement process or teacher recommendation.

Academic Literacy 10 is a course designed to accelerate a student's growth as a reader with specific attention to his or her comprehension, fluency, multisyllabic word reading, and vocabulary. Students receive direct instruction in key reading strategies including previewing, predicting, and identifying an author's purpose, inferences, questioning, connecting and summarizing. In addition to these strategies, students also learn both content vocabulary and vocabulary strategies, as well as receive fluency instruction. The Academic Literacy teachers work in conjunction with the English 10 and American Gov ernment instructors in order to pre-teach or re-teach skills that are being addressed in the content area classes.

**#0030 English 10 Honors**
Grade 10 / Full Year High Weighted Course - 2.0 credits
*Prerequisite*: Teacher recommendation
NCAA approved course

Students in 10 Honors refine their reading, writing, listening, and speaking skills while examining the role of culture in the life of both the individual and society. Moreover, as a Pre-AP course, 10 Honors introduces students to close analysis of authorial choices by examining the purpose behind particular literary techniques including, but not limited to, the use of satire. Students will consistently engage in discussion as a means of generating ideas and work to understand and validate opposing interpretations of the text and guiding inquiry. Generally speaking, 10 Honors is set apart from English 10 in the increased pacing, amount of independent practice, and the level of sophistication expected not only in the student's writing but also in his or her ability to navigate the texts and derive complex interpretations. 10 Honors encourages students to grow as self-directed learners in working to achieve high levels of success in demonstrating the skills necessary to be successful in AP Language and Composition. There is a general expectation that students who enroll in 10 Honors are preparing to enroll in AP Language and Composition as juniors.

**#3122 English 2**
Grade 10 / Full Year Course - 2.0 credits
*Prerequisites:* IEP recommendation and English 1 #3119
NCAA approved course

This course continues to address the Language Art skill areas identified in Freshman English #3021. Functional English skills and world literature are presented.

**#0053 English 11**
Grade 11 / Full Year Course - 2.0 credits
NCAA approved course

In English 11 students utilize literature of various genres and periods to inquire into a number of conceptual points of inquiry based on societal fears and personal dreams. In addition to supplemental reading and core curricular texts such as *One Flew Over the Cuckoo's Nest, The Great Gatsby,* and *The Catcher in the Rye*, students choose their own texts at various points in each semester to further tailor the course to personal interests in connection to the inquiry. English 11 provides students the opportunity to utilize and hone their knowledge of argumentation through a variety of writing tasks: research, formal letter writing, comparative analyses of fiction and non-fiction, etc. Students are assessed through a number of means including both formal and informal essay exams, authentic student-led discussions and individual and group oral presentations.

**#0018 American Society H**
Grade 11 / Full Year High Weighted Course - 2.0 credits
*Prerequisite*: 'A' or 'B' work in both English 10 and American Government.
**NCAA approved course**

American Studies is designed as a 2-period course that links the U.S. History and the English 11 requirement. U.S. History offers a thought-provoking look at our nation's history while junior English explores the American Dream and its reality in our past and our present. The linkage between the two courses allows for many opportunities to emphasize the connections between American literature, history, art, music, and architecture through team-teaching, joint assignments, and projects, emphasizing the roots of our past and their ongoing impact on today's politics, writing, and culture. The course demands active student participation, intensive outside reading, and experiences beyond the classroom (i.e. field trip, projects) in addition to reading, writing, research, speaking, and listening skills that will prepare students for college. Two honors credits of English and two honors credits of Social Studies are awarded upon successful completion of this course.

**#0050 AP Language and Composition**
Grade 11 / Full Year High Weighted Course - 2.0 credits
*Prerequisite*: Teacher recommendation
NCAA approved course

AP Language and Composition exposes students to the type of scholarly environment and rigor that is comparable to an introductory college course, while combining the study and analysis of both fiction and nonfiction with an emphasis on composition, argumentation and critical thinking. Additionally, this course explores the use of rhetorical techniques and how they inform the purpose of the writer to create meaning for his or her intended audience. Collaborative inquiry guides not only exploration into the inquiry questions but the study of the AP exam itself, which students are strongly encouraged to sit for in the spring.

**#3123 English 3**
Grade 11 / Full Year Course - 2.0 credits
*Prerequisites:* IEP recommendation and English 2 #3122
NCAA approved course

This course continues to address the Language Art skill areas identified in Sophomore English #3022. These skills will be applied to daily functional usage such as job applications, job related forms and using the newspaper as part of daily living. American literature, past and present, will be presented.

## SENIOR DUAL CREDIT ENGLISH COURSES

The following four courses are being offered either in conjunction with Indiana University or College of Dupage that would allow senior students to earn both high school and college English credits concurrently. These Advanced courses are honors weighted, and because they are college courses in which students earn college credit, there are additional steps needed to enroll: students must apply for acceptance into these courses, so please refer to the dual credit section of the course offering book for additional information.

**#0046 Composition 101 H**
Grade 12 / One Semester High Weighted Course
1.0 HS credit / 3.0 University credits
*Prerequisite*: Students must have earned credit for English 11 or AP Language and Composition, and they must have a 2.7 cumulative GPA or higher.
NCAA approved course

Composition 101 offers instruction and practice in the critical reading and writing skills required for college-level work, with an emphasis on written assignments that call for summary, critique, analysis, and arguments based on sources. The purpose of this course is to prepare students for the rigor of writing throughout college. The focus is on scholarly investigation of sources, critical thinking and reading, learning how to recognize and utilize specific writing strategies, skills, and fluency. Each unit will include preliminary work and assignments leading to a major essay to conclude. Points will be accumulated from homework, in-class assignments, participation, and final written assignments. Since much work and discussion will be carried on in class, impeccable attendance and assignment submission is imperative.

**#0049 Literature 101 H**
Grade 12 / One Semester High Weighted Course
1.0 HS credit / 3.0 University credits
*Prerequisite*: Students must have earned a 'C' or better in Composition 101 H (#0046), earned a score of 32 or higher on the ACT, or earned a 4 or 5 on the AP Language exam. They also must have a 2.7 cumulative GPA or higher. NCAA approved course

Literature 101 is a designed to help students learn how to read, think, and write critically and cogently about literature. Students will study four genres—poetry, short story, the novel, and drama—to understand how the various elements of a work of imaginative literature cohere to impart meaning. A large portion of the course will focus on how to write; students will learn how to translate close reading skills into strong critical essays, writing three peer-reviewed major papers, as well as short assignments (microthemes) and quizzes. The class will be heavily discussion-based, and vigorous and insightful explorations of the poetry and fiction.

**#0047 Rhetoric 101 H**
Grade 12 / One Semester High Weighted Course
1.0 HS credit / 3.0 University credits
*Prerequisite*: Students must have earned credit for English 11 or AP Language and Composition, and they must have a 2.7 cumulative GPA or higher.
NCAA approved course

Rhetoric 101 is a contemporary course in the art of rhetoric. What is rhetoric? Rhetoric is communication directed toward social action. In this course, we will focus on the persuasive dimensions of public speaking. This approach will be grounded in rhetorical theory as well as contemporary examples of great speaking in a variety of contexts. Students will learn

how to prepare convincing arguments enlivened with confident delivery and based on a thorough understanding of their audience. Throughout the course, they will focus on the importance of personal character—ethos—to their credibility as a speaker.

**#0006 Technical Writing H**
Grade 12 / One Semester High Weighted Course
1.0 HS credit / ***DUAL CREDIT***
*Prerequisite*: Students must have passed English 11 (#0053) or AP English Language and Composition (#0050)

This course will begin with instruction on basics of all technical writing (demonstrating command of the conventional uses of grammar / punctuation / mechanics, writing definitions, writing directions, writing descriptions, writing reports) with a focus on the reading and writing students will face in careers in the sciences and/or technology. Students will be asked to integrate illustrations (e.g. tables, charts, graphs, photographs, etc) to supplement reports, to identify specific audiences and make writing decisions relevant to the identified audience, to effectively employ appropriate sequencing strategies (e.g. chronological, spatial, classification and division, comparing and contrasting, defining, and exemplification), to conduct research on a scientific or ethical topic and to write an appropriately documented report based on that research.

## SENIOR ENGLISH CHOICES:

**#0086 AP Research**
Grade 12 / Full Year High Weighted Course – 2.0 credits
*Prerequisite*: Students must successfully completed AP Seminar and all of its required components.
NCAA approved course

AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue, or idea of individual interest. Students design, plan, and implement a yearlong investigation to address a research question. Through this inquiry, they further the skills they acquired in the AP Seminar course by learning research methodology, employing ethical research practices, and accessing, analyzing, and synthesizing information. Students reflect on their skill development, document their processes, and curate the artifacts of their scholarly work through a process and reflection portfolio. The course culminates in an academic paper of 4,000–5,000 words (accompanied by a performance, exhibit, or product where applicable) and a presentation with an oral defense.

**#0057 Chicago Literature**
Grade 12 / 1 Semester – 1.0 credit
NCAA approved course

Through this semester-long course, students will analyze a variety of historical, literary and cultural artifacts native to Chicago. Each text will enable students to construct an understanding of what is significant about our great city and what its denizens truly value. Students will be asked to analyze important events, engaging readings and a variety of artifacts ranging from architecture, which is arguably Chicago's greatest contribution to the global community, as well as art, literature and other textual sources. Students will demonstrate their learning at the end of the semester through a culminating project.

**#0060 College Literacy: Strategies in Reading and Writing**
Grade 12 / Full Year Course - 2.0 credits
NCAA approved course

College Literacy focuses on the improvement of reading and writing strategies necessary to be successful at the college level. Students will be encouraged to develop their own reading and writing processes based on these strategies, which are emphasized throughout the course. Contemporary fiction and nonfiction will be explored, evaluated and assessed. Seniors will both react to literature and compose their own pieces; they will be asked to evaluate their writing through the use of models and self-reflection as well as peer and teacher feedback.

**#0075 AP English Literature and Composition**
Grade 12 / Full Year High Weighted Course - 2.0 credits
*Prerequisite*: Students must have earned credit for English 11 or AP Language and Composition.
NCAA approved course

Emphasis in the senior year of the honors program focuses on such world writers as Ionesco, Camus, Dickens, Faulkner, Shakespeare, Melville, Kafka, Hurston and O'Brien. Designed to be commensurate with a college course, this class will require students to write multiple compositions in which they hone their craft as writers. In fact, student evaluation will be based primarily on 12 significant writing assessments each semester. Nightly reading assignments will average 25-40 pages. In addition, students will be graded on verbal skills as demonstrated in class discussions and major presentations. In that this a college level course, students will be expected to read, to write, to analyze, and to discuss various forms of lit-

erature at a level of sophistication that corresponds to a literature-devoted class at a college or university. Through critical reading of mature world literature, students are prepared to achieve potential college credit through the AP Examination in English Literature and Composition.

**#0076 Composition, Literature and Film**
Grades 12 / Full Year Course - 2.0 credits

Composition, Literature, and Film is designed to prepare students for college level study of thematic issues as reflected in literature and film. In this course, students have the opportunity to extend their skills in reading and writing while developing knowledge of cinematic studies and other media. Moreover, they also explore the relationships between literature, composition, and film and the ways in which they communicate, reflect, influence, or challenge cultural values in a society. Film does NOT replace literature in CLF, but to supplement course readings, students examine thematically-related clips from early films like *Metropolis*, classic cinema such as *Sunset Boulevard* and *Citizen Kane*, and a contemporary film/ novel pairing, such as Jonze's *Where the Wild Things Are (in conjunction with Eggers' The Wild Things).* To aid in interpretation of fiction and film, the course will also include analysis of techniques writers and filmmakers use to convey their ideas, as well as written, nonfiction excerpts of major film theory and criticism.

**#0062 Creative Writing**
Grade 12 / 1 Semester - 1.0 credit
NCAA approved course

Creative Writing is a one-semester course designed to provide students the opportunity to explore a variety of writing styles including creative non-fiction, poetry, short fiction and script writing. Students write often, constructing a writer's portfolio and developing the craft of writing by applying the techniques and devices of effective, imaginative writing for an audience beyond the writer herself or himself. To develop their craft, students engage in a number of pre-writing activities designed to spur and engage in revision processes. Following the workshop model, writers in the class frequently share their writing with their peers for feedback and to learn skills of objectively critiquing the writing of others; additionally, each genre exploration culminates in a celebration of the students' writing where each student shares a piece, or portion of a piece of their writing through print, media, or performance. Creative Writing provides experience and audience for those who love to write, those who are interested in learning the craft of writing, those who wish to share the enjoyment of writing with others, or those who wish to learn more about writing in order to better appreciate what writers do.

**#0078 Humanities**
Grade 12 / Full Year Course - 2.0 credits
NCAA approved course

Humanities introduces students to the cultures of various civilizations throughout history, including the ancient world, the Medieval period, the Renaissance, the Baroque Age, Romanticism, Industrialism and the 20th century. Examination of these periods will take students into the study of history, philosophy, literature, drama, art, music, architecture and related fields. Areas of development include multi-media organizational and research skills, critical and analytical writing skills and development of an effective writing style. This course uses a college-level text. A study of humanities is a study of the values, dreams, attitudes, and creativity of humankind, a study that is important to understanding what has occurred and what is currently occurring in the world that seniors will soon face.

**#0063 Popular Literature**
Grade 12 / 1 Semester – 1.0 credit
NCAA approved course

Popular Literature is a one semester course that explores both the concept of popularity as well as literature that is typically deemed "popular." Students are prompted to develop their literacy skills through reading, writing, speaking and listening to texts that define popularity and explore the reasons behind its rise and fall. Specifically, students develop their ability to write with clarity, purpose and according to accepted standards; read with comprehension while demonstrating the ability to critically analyze what they read; engage others in public discussion about issues generated by the reading; and closely attend to the thoughts and ideas generated by others. In addition to reading, writing, listening and speaking about several core texts, students in this class also engage in independent readings of popular texts they find personally appealing. Readings will include contemporary authors and span several genres such as science fiction, mystery, horror and nonfiction. As well as reading traditional literature for this course, students have the opportunity to analyze texts not commonly perceived as "Literature" including popular phenomena such as

music, newspapers, visual art, magazines, movies and other non-traditional "texts."

**#0055 Shakespeare: Murder, Mayhem, and Majesty**
Grade 12 / 1 Semester – 1.0 credit
NCAA approved course

York seniors typically will have read two works by Shakespeare, currently English 9's *Romeo and Juliet* and English 10's *Taming of the Shrew*. Students have had little if any exposure to one of the bard's great many comedies, histories or romances. Likewise, seniors probably have not yet encountered any of Shakespeare's 154 sonnets or one of the "mature" tragedies like *Hamlet* or *Othello*. This course provides students the opportunity to inquire—through script, film and performance—into the literature of the reputed greatest writer in the English language. This class builds on the literacy skills established in required core English classes as well as encouraging students to extend their cultural analysis' skills to the Elizabethan worldview of Shakespeare and to contrast it with their own developing understanding of human experience.

**#0085 World Literature**
Grade 12 / Full Year Course - 2.0 credits
NCAA approved course

This senior elective course will explore the transformation of character and self, offering insight into both the philosophic and spiritual mind that drives our unique perceptions. In particular, we will attempt to understand the nature of our existence through the union of the body, mind and spirit as we focus on world writers like Salman Rushdie, Virginia Woolf, Henrik Ibsen, Annie Dillard, Kingsley Amis, Herman Hesse and Michael Pollan. For the most part, we will be reading fiction; however, we sprinkle in nonfiction and poetry in order to widen our scope of language and study. Furthermore, we will write in a variety of styles, preparing students for the various types of writers they will have to become as they explore their futures after high school. Students will be asked to write personal narratives, short fiction through magical realism, literary analysis, philosophical statements and manifestos. In addition to reading and writing, students will also be assessed on verbal skills as demonstrated through class discussions and major presentations. While a major goal of the course will be to help students become better readers and writers, a more important goal is to enrich students' understandings of life by studying the genius of literary perspective and character.

**#0019 Technology, Text & Cultural Rhetoric H**
Grade 12 / Full Year Course - 2.0 credits
*Prerequisite*: Students must have earned credit for English 11 or AP Language and Composition AND US History, AP US History, or US History ACP.
**Pending NCAA approval**

Tech, Text, and Cultural Rhetoric is designed as a 2-period course that links the Senior English requirement and the Social Studies Elective requirement. Through this year-long course framed through the examination of technological advances and their direct impacts on the literature and art of contemporary world / US history, students will analyze the **relationship and influence** of each on the other. Focusing on primary historical documents, poetry, literature, and art, students will analyze key historical events and the technological advances that not only influence them but also result from them. Pairing their understanding of history with their analysis and engagement in literature and art, students will analyze fiction, non-fiction, and visual texts, writing frequently in ways that synthesize their understanding of the reciprocal influences that events, technological developments, and art have one one another. Students will demonstrate their understandings through a culminating project driven by their own inquiry and areas of interest within the focus of the course.

**#0083 Advanced Journalism**
Grades 10-12 / Full Year Course - 2.0 credits
*Prerequisite:* Students taking the course for Senior English Credit must have earned an 'A' or 'B' in all prior English courses or have a teacher recommendation. In addition, they must have completed one year of Advanced Journalism, which fills a Practical Art Elective, prior to their senior year OR one semester of Journalism, which fills an elective credit. This course is **NOT** NCAA approved.

Students enrolled in the Advanced Journalism course gain practical, hands-on experience in all aspects of Common Core English Language Arts standards, including argumentative and analytical writing, rhetorical and stylistic analysis, public speaking and debate, to name a few. Students learn effective communication techniques, specifically the importance of rhetorical context and how use to language effectively in various rhetorical situations. In addition to building and refining skills in analysis and rhetoric, students also gain hands-on experience in media literacy. Not only do they analyze and evaluate various

types of media and journalistic writing, but they also produce it, including news and sports reporting, feature and editorial writing, online publishing. As part of the Advanced Journalism class, students are part of the newspaper or yearbook staff, where students apply the literacy, critical thinking, problem-solving, time management and organization skills that professional publications require. This course requires teamwork, responsibility, accountability and a rigorous devotion to deadlines.

**#3126 English 4**
Grade 12 / Full Year Course - 2.0 credits
*Prerequisites:* IEP recommendation and English 3 #3123
This course is **NOT** NCAA approved

This course will emphasize, among other topics, continued strategies in reading and writing with real world applications. Job related forms, communication within the workplace, and using the newspaper as a part of daily living will also be covered. Selected readings will be incorporated during the semester.

# NON-CORE ELECTIVES

**#0093 Advanced YTV: Feature Productions**
Grades 10-12 / Full Year Course - 2.0 credits
*Prerequisite:* Broadcast Communications and YTV: Morning Announcements. Students are expected to purchase their own Standard Size SD Card, at least 4gb in size and at least Class 6 or better.

Feature Productions is a culminating class in the YTV Program, offered to students who have already taken Broadcast Communications and YTV, both of which are prerequisites for Feature Productions. In Feature Productions, students will have an opportunity to develop skills beyond YTV, focusing on creating short films, episodes, news packages, and ultimately a working portfolio that highlights the advanced scripting, filming, and editing skills that are honed in this class.

**#0065 Broadcast Communications**
Grades 10-12 / 1 Semester - 1.0 credit
*Prerequisite*: Students are expected to purchase their own Standard Size SD Card, at least 4gb in size and at least Class 6 or better.

Broadcast Communications is a one-semester course that introduces students to television, radio, and video production theory and practice. Students learn the principles of creating effective visual and audio content, storyboarding, editing, and planning productions. This course also offers students the opportunity to work with a variety of equipment and technologies and to explore special effects using Adobe's Editing Suite. Students enrolled in the course learn effective communication techniques through on-camera performance, as well as directing and presentation of ideas to the class while widening their computer literacy skills.

**#0062 Creative Writing**
Grades 10-12 / 1 Semester - 1.0 credit
*Prerequisite:* English 9 ***If taken as a sophomore or junior, Creative Writing does NOT fulfill a senior English requirement.*
NCAA approved course

Creative Writing is a one-semester course designed to provide students the opportunity to explore a variety of writing styles including creative non-fiction, poetry, short fiction and script writing. Students write often, constructing a writer's portfolio and developing the craft of writing by applying the techniques and devices of effective imaginative writing for an audience beyond the writer herself or himself. To develop their craft, students engage in a number of pre-writing activities designed to spur composition, analyze published writers' work, workshop their pieces in small and large group settings, and engage in revision processes. Following the workshop model, writers in the class frequently share their writing with their peers for feedback and to learn skills of objectively critiquing the writing of others; additionally, each genre exploration culminates in a celebration of the students' writing through print, media, or performance. Creative Writing provides experience and audience for those who love to write, those who are interested in learning the craft of writing, those who wish to share the enjoyment of writing with others, or those who wish to learn more about writing in order to better appreciate what writers do.

**#0037 Digital Composition**
Grades 11-12 / 1 Semester - 1.0 credit
This course fulfills an Elective credit.

In an ever changing world, it becomes more and more important for digital connoisseurs to become savvy consumers and producers of digital media; therefore, Digital Composition introduces students to 21st Century learning/communication tools--what they are and how to use them effectively. In this class, students will create podcasts, videos, webpages, and infographics for a global audience, and learn to do so in a safe and ethical way. Students will work on a series of projects, which will require explanations, descriptions, anal-

yses, and evaluations in digital media. Public Speaking presentations are a regular part of the course. Exemplary student projects will be archived on the ThisisYork.org website. Topics in this one-semester course include "Becoming a Digitally Literate Person," "Creating a Positive Digital Footprint," "Beyond Google: Power Web Searching," and "The Digital Classroom."

**#0091 Intro to Theatre**
Grades 9-12 / 1 Semester - 1.0 credit

Students are introduced to theatre history, dramatic literature and the theatrical process by participating in it. Through the study of works of several different time periods and genres, ranging from oral traditions and Greek drama to contemporary theatre, students interpret themes while developing an understanding of various theatrical styles. Students engage in various theatrical productions and manage all aspects of theatre.

**#0077 Journalism**
Grades 9-12 / 1 Semester - 1.0 credit
This course fulfills the Fine Arts requirement for graduation.

Students who enroll in Journalism will be reading, communicating, critically thinking, analyzing and writing in this course. The course will cover the entire process of journalism: brief history, legal and ethical components and the organization of publication. Students will engage in inquiry-based units designed to develop interest in print, photo and online journalism. Newsgathering, writing, editing, interviewing, deadlines, layout, design and current publication trends are emphasized.

**#0052 Oral Interpretation/Forensics**
Grades 9 -12 / 1 Semester - 1.0 credit
This course fulfills the Fine Arts requirement for graduation.

This class focuses on the essential aspects of communication—both verbal and non-verbal—and it specifically guides students who are interested or involved with our speech team. To prepare them to audition or to compete during the speech season, students are exposed to the IHSA requirements for each forensics event: prose and verse reading, humorous and dramatic interpretation of drama, extemporaneous speaking, oratory, oratorical declamation, radio speaking, special occasion speaking and impromptu speaking. In addition, they work on choosing, cutting, and rehearsing their pieces for the season and beyond.

**#0048 Speech**
Grades 9-12 / 1 Semester - 1.0 credit
NCAA approved course

This course stresses the concepts and skills necessary for effective oral communication: listening critically, researching and organizing, as well as developing proper speaking techniques. Both students who are college-bound and those going directly into the working world will gain knowledge and practice in speaking and listening skills. Students will be prepared to work effectively in groups and to participate in job interviews.

**#0084 Sports Broadcasting & Journalism**
Grades 10-12 / Full Year Course - 2.0 credits
*Prerequisite:* Broadcast Communications.
Students are expected to purchase their own Standard Size SD Card, at least 4gb in size and at least Class 6 or better.

Sports Broadcasting & Journalism is a hands-on course aimed at how to write, edit and cover live sports and to produce sports stories. Interview, sports cinematography, and video editing skills will be honed in this class. Working in a real-life setting of sports broadcasting, students will learn how to work as a team to produce live-event coverage with live play by play commentary of several sporting events at York. Students will be expected to film at least 3 events outside of regular school hours during the course of the semester.

**#0092 Theatre Performance**
Grades 10-12 / 1 Semester - 1.0 credit
This course fulfills the Fine Arts requirement for graduation.

This class focuses on the importance of focus, imagination, character analysis, objectives, tactics and obstacles in portraying a character in a scene. Students are also introduced to three technical approaches to acting on stage and read, cut, analyze, and perform various theatrical pieces.

**#0073 YTV: Morning Announcements**
Grades 10-12 / Full Year Course - 2.0 credits
*Prerequisite:* Broadcast Communications. Students are expected to purchase their own Standard Size SD Card, at least 4gb in size and at least Class 6 or better.

Students enrolled in this year-long elective produce six -minute newscasts, which are broadcast to York students and staff on a daily basis. YTV broadcasts feature school announcements as well as special features and programming. Since the work produced for the class is highly visible and deadline-driven, attendance is a must. Students gain experience in all aspects of production, both behind the camera and in front of it.

With a growing demand for media production in the professional and academic world, this class enables students to begin to build a resume for those interested in exploring opportunities in broadcast media while expanding their skills in the Adobe Creative Suite and Mac-based video production applications.

**#0012 Literacy Skills**
Grades 10-12 / 1 Semester - 1.0 credit
*Prerequisite:* Teacher or Counselor recommendation
This course does not fulfill English credit.

Literacy Skills is a course designed to accelerate a student's growth as a reader and writer with specific attention to his or her comprehension, fluency, vocabulary, organization, usage and mechanics. Students receive direct instruction in key reading and writing strategies, supplementing the instruction they receive in their core English class.

# ELL & BILINGUAL ELECTIVES

**#0007 Bilingual Language Arts 9**
Full Year Course – 2.0 credits
*Prerequisite*: Students are enrolled in the part-time or full-time TBE program.

In this course, Bilingual Language Arts 9 students refine their reading, writing, listening, and speaking skills while examining inquiry questions regarding tolerance, friendship, and social responsibility. Students also work to construct a more sophisticated understanding of characterization and character development, the levels and dimensions of setting, and authorial and narrative point of view. Students experience and analyze a variety of texts, ranging from novels and plays to poetry and non-fiction in an effort to develop a greater understanding of the text and the world. Instruction and course materials will be provided in Spanish.

**#9801 ELL (Beginning)**
Grades 9-12 / Full Year Course – 2.0 credits
*Prerequisite:* Enrollment in the ELL Program

This course emphasizes basic English skills for students who do not speak English, or who are limited in their knowledge of the language. Skills in the four domains of language (speaking, listening, reading and writing) will be taught, focusing on functional and academic vocabulary, grammar and oral skills. Students are introduced to American culture and encouraged to discuss their own cultural traditions. This course is designed to help English language learners begin their transition to the English-speaking world and help them adjust to the American high school system.

**#9803 ELL (Intermediate)**
Grades 9-12 / Full Year Course – 2.0 credits
*Prerequisite:* Enrollment in the ELL Program; successful completion of Beginning ELL and/or a composite ACCESS score of 2.3 or higher

This course emphasizes development of academic English skills for students who are limited in their knowledge of the language but have attained basic skills. Skills in the four domains of language (speaking, listening, reading and writing) will be taught, focusing on academic vocabulary, grammar, oral presentations, fiction and non-fiction reading and paragraph writing. This course is designed to help English language learners continue the development of their English language skills while integrating into the American high school system.

**#9805 ELL (Advanced I)**
Grades 9-12 / Full Year Course – 2.0 credits
*Prerequisite:* Enrollment in the ELL Program; successful completion of Intermediate ELL and/or a composite ACCESS score of 3.5 or higher

This course emphasizes continued development of academic English skills for students who are not yet totally proficient in English. Skills in the four domains of language (speaking, listening, reading and writing) will be taught, focusing on academic vocabulary, grammar, reading and discussing authentic grade-level literature, and essay writing. This course is designed to help English language learners further the development of their English language skills and integration into the American high school system.

**#9807 ELL (Advanced II)**
Grades 9-12 / Full Year Course – 2.0 credits
*Prerequisite:* Enrollment in the ELL Program; successful completion of Advanced ELL II and/or a composite ACCESS score of 4.0 or higher

This course emphasizes the fined-tuning of academic English skills for students who will move into mainstream English courses within the next school year. Skills in the four domains of language (speaking, listening, reading, and writing) will be taught, focusing on enhanced vocabulary and grammar usage, and further practice with reading and discussion of authentic grade level literature, and essay writing. This course is designed to help English language learners

fine-tune the development of their English language skills and further integrate into the American high school system.

**#9811 ELL Skills for Content Classes**
Grades 9-12 / Full Year Course – 2.0 credits
*Prerequisite:* Enrollment in the ELL Program; taken concurrently with Beginning ELL; may be taken in conjunction with Intermediate ELL

This course emphasizes content-area academic vocabulary and study skills for students who are limited in their knowledge of English. Course material will be drawn from the academic content-area courses required for graduation. Study skills necessary for success in the American high school system will be emphasized. Students will receive English credit toward graduation.

# Family & Consumer Science
# Career Clusters and Course Overview

## Fashion and Apparel Services

- Fashion Construction ↔ Fashion Merchandising
- Fashion Construction → Advanced Fashion Construction (may be repeated)

## Human Services, Family Services, Education & Early Childhood

- Children's Literature ↔ Child Development with Preschool Lab (may be repeated)
- Child Development with Preschool Lab (may be repeated) → Invitation to Teach
- Individual Relationships and Parenting
- Peer Leader for Applications of Foods

## Consumer Education

- Introduction to Family and Consumer Sciences

## Career Internship

Career exploration for all CTE areas!
Earn credit for out of school work experiences!

## Interior Design

- Interior Design → Advanced Interior Design

## Culinary Arts and Hospitality Management Nutrition and Dietetics

- Nutrition ↔ Chef's Corner ↔ Chemistry of Food (Science Credit)

Can take 1 (or more) beginning level culinary courses

- International Foods ↔ Gourmet Foods ↔ Baking and Pastry Arts

Move to 1 (or more) intermediate level culinary courses

- Food and Restaurant Management I → Food and Restaurant Management II (may be repeated)

Move to capstone level Restaurant Management courses which run the student operated La Brigade Restaurant

# Family and Consumer Sciences

The Family and Consumer Science Department at York High School offers students the opportunity to develop practical skills for living and explore individual interests as well as career possibilities. Family and Consumer Science courses allow students to apply content knowledge in lab and project based experiences. Courses foster academic achievement as students apply reading, writing, mathematics, science reasoning, problem solving and communication skills while exploring Family and Consumer Science course concepts. Whether it's exploring a possible career, personal passion or developing a life skill, students learn to solve real world problems in a hands-on environment.

Courses are offered in the career clusters of Fashion and Apparel Services, Interior Design, Culinary Arts, Hospitality and Nutrition, Human and Family Services and Education. Courses are sequenced within a career strand to prepare students for career opportunities and further education in a variety of career fields.

**One course in Family and Consumer Sciences will fulfill the Practical Arts graduation requirement, unless the course is being used to fulfill a consumer education, or science requirement.**

Some Family and Consumer Sciences Courses also provide dual credit with College of DuPage at no cost to the student. See the Dual Credit Offerings section of the Course Offerings book for details.

**Career Exploration Opportunities During High School**

Family and Consumer Science students have many opportunities during high school to explore various careers within their Family and consumer Science classes and beyond through shadowing and career internship programs. It is common for students to work part time in hospitality, child care, and related retail fields.

**Opportunities After High School**

Students graduating with a strong foundation in Family and Consumer Science coursework are well prepared to attend post-secondary programs related to FCS career preparation. Students pursue advanced degrees from colleges and universities, community colleges, or technical schools after graduating from York.

**Career Opportunities**

Classes in Family and Consumer Science prepare students for a variety of careers including:

**Culinary, Hospitality and Nutrition:** Food and Beverage Managers, Hotel and Event Management, Culinary and Pastry Arts Chefs, Food Stylists, Personal Chefs, Food Scientists, Research and food product development, Nutritional Counselors, Dietitians, Sports Nutritionists, Entrepreneurship in Hospitality settings.

**Human Services and Education:** Teachers, Social Workers, Child psychologists, Child Care Workers, Counselors, Family Therapists, Management and Entrepreneurship in child care settings.

**Fashion and Interior Design:** Alterations, Fashion Designer, Personal Stylist, Personal Shopper, Retail Buyer, Merchandising and Displays, Interior Decorator, Interior Designer, Architect, Management and Entrepreneurship in retail fields.

## Clubs and Organizations

**Family, Career & Community Leaders of America (FCCLA)**

FCCLA is the national leadership organization for students enrolled in Family and Consumer Sciences classes. Any student presently or previously enrolled in an FCS course may participate. Members participate in meetings, competitions, leadership conferences, sectional, state and national meetings. York offers chapter activities in culinary arts, child development and fashion and interior design. Student leaders plan community service projects and meeting activities for the club. Members develop leadership skills and learn about the many career opportunities available in Family and Consumer Science fields. Scholarships are available for active FCCLA members.

**National Technical Honor Society**

NTHS is the acknowledged leader in the recognition of outstanding student achievement in career and technical education. Students can join this honor society by achieving high academic achievement in CTE classes, exhibiting personal excellence, completion of the required number of CTE credits and participating in career & technical education organizations. Membership in this society will help students find success in today's highly competitive workplace.

# Course Descriptions

## CONSUMER EDUCATION

**#0816 Introduction to Family & Consumer Sciences**
Grades 9-12 / 1 Semester - 1.0 credit.
**Fulfills Consumer Education Graduation Requirement**

During the semester you will explore personal financial management topics and areas of study within Family and Consumer Sciences through activities and hands-on projects. You will receive credit for Consumer Education through this course. Students will explore potential careers, practice personal budgeting, learn about insurance, banking, credit and other financial management concepts. Family and Consumer Science units of study may include learning how to become a smart shopper, planning and preparing a meal, studying the ages and stages of development of small children and planning the design and furnishing of a room. FCS units studied each semester are dependent on room availability within the department.

**#3859 Home/Consumer Management**
Grades 11-12/1 Semester—1.0 credits
*Prerequisite: IEP recommendation*

This course is designed to prepare students for independent living, to foster collaborative group skills and to increase the understanding of consumer education issues. This course fulfills the consumer education requirement for graduation.

## FAMILY & HUMAN SERVICES AND EARLY CHILDHOOD EDUCATION

**#0831 Child Development/Preschool Lab**
Grades 9-12 / Full Year Course* - 2.0 credits
*Students must earn a B or higher first semester in order to continue into the preschool lab second semester.

Students will learn about the development of young children from prenatal development through the preschool years. Students will study the physical, emotional, intellectual and social development of young children. Students will also learn about age appropriate lesson planning, teaching lessons and how to conduct observations. During second semester students will teach children in the Little Dukes Preschool. The preschool serves children ages 3-5 from the community. High school students conduct lessons, stories, games, music and art projects, with the children and prepare a case study portfolio on one preschooler. The skills learned in this class can be transferred to any career related to young children. Students who plan to pursue careers involving children such as education, child psychology, recreation, counseling, child care, or those who just enjoy working with and learning about them, should take this course. After completing Child Development students may enroll in a second semester of the pre-school lab, or move into the Invitation to Teach program to further their experience working with young children.

**#0864 Invitation to Teach**
Grades 11-12 / Full year - 3.0 HS credits
*Note: Two Periods*
**Dual Credit with College of DuPage (6 hours total)**
**(Semester 1 = Education 1100—3 Semester Hours,**
**Semester 2 = Education 1101 — 3 Semester Hours)**
*Prerequisite:* Students must complete the application process: letter of recommendation, interview, and have a strong academic and attendance record.

Students will develop the behaviors and competencies needed to become a successful educator. Students meet with their high school teacher for class once a week. During this time, they will learn about the role of education in America, pedagogy and best practices for instruction. The rest of the week is spent working in an elementary or middle school within the district. As teacher interns, students work with individual students, small groups or help facilitate class activities. Students will practice lesson planning, conduct lessons, learn about differentiated instruction and prepare a professional educator portfolio which includes career and education accomplishments. Note: Students must have access to transportation. The school district does not provide transportation to off site student teaching schools.

*Note:* Students must complete the online application available at: bit.ly/ITTApp

**#087L Applications of Foods Student Leader**
Grades 9-12 / 1 Semester—1.0 credit
**May be repeated**

Students will act as leaders to students with moderate to severe disabilities as they explore a variety off basic food preparation skills in the foods lab kitchen. Students assist in lab preparation, classroom activities, and engaging

other students in conversations about class related topics. This course will help students gain an understanding of how to work with individuals who have diverse needs. Students considering careers in education, special education, and social work will benefit from this unique leadership experience.

**#0832 Children's Literature**
Grades 9-12 / 1 Semester - 1.0 credit

Revisit memorable books from your childhood as we read, evaluate and discuss books for children. Learn how parents can lay the foundation for literacy with effective, developmentally appropriate reading strategies. Students will learn techniques for presenting stories in a variety of ways and then have fun planning, creating and presenting their own special story hours to young children. In addition, units on nursery rhymes, children's genres, and Caldecott and Newbery award winning books will be explored, as well as favorite children's authors and illustrators from your childhood. This course is recommended for anyone who has a future interest in teaching or careers related to children.

**#0840 Individual Relationships and Parenting**
Grades 10-12 / 1 Semester - 1.0 credit

This course is designed to help students prepare for adult living situations. The semester begins by exploring healthy relationships with discussions on dating, infatuation vs. love, expectations for marriage and successful communication. The course then focuses on starting a family and understanding the roles and challenges of becoming a parent. Students will experience the responsibility of caring for a *RealCare©* computerized baby for the weekend. Sensors within the *RealCare©* baby analyze and record how well you met the needs of your infant. Students will also explore their personal feelings about their own family relationships and gain a better understanding of themselves. This course provides students with the tools and information they need to handle the challenges of current and future relationships. Students majoring in counseling, social work, education, psychiatry, family therapy, child care and other careers dealing with family dynamics will benefit from this class.

## FASHION AND APPAREL SERVICES

**#0814 Fashion Construction**
Grades 9-12 / 1 Semester - 1.0 credit

This beginning course will feature basic sewing and garment construction techniques such as layout and cutting of patterns and fabric, sewing of seams and darts, applying interfacing and hemming techniques. Technical abilities will be enhanced through the use of sewing machines and sergers. Students are required to complete a minimum of two construction projects during the semester. It is necessary for students to provide their own patterns, fabric and notions for classroom projects. Students will gain technical and problem-solving skills through the reading of patterns and construction of garments. This course is recommended for anyone pursuing a career in fashion merchandising, design and retailing.

**#0815 Advanced Fashion Construction**
Grades 9-12 / 1 Semester - 1.0 credit
*Prerequisite:* Fashion Construction I
**May be repeated**

Students will have the opportunity to practice advanced sewing techniques as they create a variety of garments from skirts to pants, jackets or formal gowns. Students may practice adapting patterns to personalize their designs. Participation in FCCLA fashion construction or fashion design competitions is recommended.

**#0822 Fashion Merchandising**
Grades 10-12 / 1 Semester - 1.0 credit

This project based course focuses on the fashion industry and the merchandising of fashion related products. Topics include an overview of the fashion industry, the evolution, trends and movement of fashion, merchandising, promotion, and career development. Students will study current fashion trends and popular designers, explore a variety of fashion related careers in the retail industry and practice merchandising fashion products. Students interested in the fashion industry should also consider taking Fashion Construction I and II.

## CULINARY ARTS, HOSPITALITY MANAGEMENT AND NUTRITION AND DIETETICS

**#0824 Chef's Corner**
Grades 9-12 / 1 Semester - 1.0 credit

In this lab based class students will study and apply basic cooking principles and techniques. You will prepare and taste a wide variety of recipes such as lasagna, omelets, fajitas, apple crisp, tacos, chicken, pies, shrimp scampi, homemade macaroni and cheese, pizza, etc., as well as food products on the market. While learning to prepare these foods you will increase your culinary skills and appreciation of great tasting food. This course is a prerequisite for the advanced foods courses. Basic skills learned in this class will be built upon in Gourmet Foods, Baking and Pastry Arts, International Foods and Food and Restaurant Management.

**#0878 Applications of Foods**
Grades 9-12 / 1 Semester—1.0 credit
*Prerequisite*: IEP recommendation or counselor placement
**May be repeated**

Students in Applications of Foods will benefit from developing functional skills within a kitchen setting. The delivery of instruction will meet the needs of students with moderate and severe disabilities. This course will build upon skills that students have learned in the Functional Skills classroom setting as students prepare meals and meet kitchen cleanliness standards. Students will cook and prepare meals while focusing on attaining specific cooking skills such as cutting, grating, stirring, cracking eggs, opening cans, spreading, microwaving, using a toaster, washing dishes, sanitizing kitchen surfaces and understanding nutritional concepts. Students will have the opportunity to interact with grade level peers who are student leaders for the course.

**#0826 Gourmet Foods**
Grades 10-12 / 1 Semester - 1.0 credit
*Prerequisite:* At least ONE of the following classes: Chef's Corner, Nutrition, Chemistry of Food, or Department Chairperson's approval

Gourmet Foods is for the student who enjoys cooking and wants to explore advanced culinary techniques. Students will hone their knife skills through multiple knife skills practice labs, become an expert at moist and dry heat cooking methods for a variety of foods, and explore specialty techniques and ingredients used to make salads, sandwiches, appetizers and more. Students will also practice the principles of sauce cookery and stock making, learn to make fresh pasta, customize recipes and make them their own, practice garnishing techniques, learn how to plate elegant and sophisticated foods, and plan, prepare and cook a gourmet meal. Students will practice these advanced and specialty techniques in many hands-on lab experiences. This course builds upon skills introduced in Chef's Corner and makes a great stepping stone for students planning to take Food and Restaurant Management or continuing in the Culinary Arts.

**#0807 Baking and Pastry Arts**
Grades 9-12 / 1 Semester - 1.0 credit
*Prerequisite:* At least ONE of the following classes: Chef's Corner, Nutrition, Chemistry of Food, or Department Chairperson's Approval

In Baking and Pastry Arts, students will build upon the beginning baking skills learned in Chef's Corner and learn to make a variety of yeast breads and quick breads with a focus on the scientific principles that yield the best baked products. Students will also practice the preparation of different types of cookies, cakes, pastries, and key culinary techniques such as meringue production and egg tempering. Students will learn the scientific principles behind candy making as they prepare a variety of homemade candies and learn techniques for preparing a variety of specialty desserts including crème brulee, pate a choux, homemade ice cream, custards and puddings. Students will practice plating eye catching desserts and designing and decorating their own custom cakes for a special occasion. Science and math skills are reinforced through practical foods lab experiences. This class is recommended for students planning to pursue a degree in the culinary or pastry arts as well as culinary enthusiasts.

**#0887 Chemistry of Food**
Grades 11-12 / Full Year Course - 2.0 credits (Fulfills Science Elective OR Practical Arts requirement)
**NCAA Approved Course**
*Prerequisite*: Chemistry or Key Ideas in Chemistry

In this course, students investigate the chemical components and physical properties of foods. This course involves laboratory experiences in both Science and Family and Consumer Sciences and is led by teachers from both departments. Students gain an understanding of food science as well as an awareness of health, nutrition and culinary science principles. Scientific processes are utilized as students explore the physical and chemical properties of food and science cooking applications. This course is appropriate for students who have successfully completed chemistry and are interested in a hands-on application of scientific principles to the study of cooking and nutrition.

**#0827 International Foods**
Grades 9-12 / 1 Semester - 1.0 credit
*Prerequisite:* At least ONE of the following classes: Chef's Corner, Nutrition, Chemistry of Food, or Department Chairperson's approval

This course will be a culinary tour of many nations. Students will learn to prepare foods from many different regions of the world including Asia, Europe, Latin America, the Mediterranean, the Middle East and Africa. Students will learn how world cuisine and culture influences culinary arts in America. This class will also explore the diverse customs, influences and food habits of people throughout the world.

**#0850 Food and Restaurant Management I**
Grades 10-12 (1 OR 2 periods each day)
2.0—4.0 credits in one year
**Dual Credit with College of DuPage**
**(CULIN 1120 — Sanitation—1 Credit Hour)**
Note: Students must pass their ServSafe sanitation exam with a 75% or higher to receive their manager certification and COD credit**)**

*Prerequisite:* At least ONE of the following classes: Chef's Corner, Nutrition, Chemistry of Food, or Department Chairperson Approval

Students interested in hospitality related careers will learn about operating and running a commercial restaurant. In this class students rotate through the various functions needed to operate the La Brigade student restaurant including learning front of the house and back of the house job tasks. Students will be responsible for quantity food preparation for a variety of public and private events. They will apply culinary knowledge such as knife skills, cooking methods, and baking and pastry skills as they cook, plate and serve gourmet meals in this fast paced, real world work environment. Students apply Illinois Department of Public Health sanitation practices as they learn to use commercial restaurant equipment. Students will obtain a Food Handler or Foodservice Sanitation Manager Certification by completing the ServSafe Manager course. All individuals working in IL in a commercial restaurant who handle food must have one of these certifications. Students will also have the opportunity to plan for and manage one or more events in the restaurant. *Note:* It is recommended that students take Gourmet Foods and Baking and Pastry prior to, or concurrently with Food and Restaurant Management in order to gain a full understanding of the wide range of culinary skills necessary for restaurant production.

**#0851 Food and Restaurant Management II**
Grades 11-12 (1 OR 2 periods each day)
2.0—4.0 credits in one year
*Prerequisite:* Food and Restaurant Management I
**May be repeated**

Students who have completed Food and Restaurant Management I may return as advanced students for additional work experience in the La Brigade student restaurant. Students will assist the instructor in helping beginning level restaurant management students become oriented to La Brigade practices and learn how to operate commercial equipment. Students will act as leaders in the course helping beginning level students strengthen mise en place and cooking skills. Students will have the opportunity to plan and manage multiple La Brigade functions and begin to develop a professional culinary career portfolio. Additional experiences working and managing La Brigade will help students strengthen culinary and leadership skills.

**#0808 Nutrition for a Healthy Lifestyle**
Grades 9-12 / 1 Semester - 1.0 credit

In this course students will learn basic principles of food preparation as it relates to nutrition and wellness. Students will analyze dietary requirements, learn to understand portion sizes and learn how food choices affect overall health and wellness. Students will also explore the nutritional needs of individuals including people with dietary restrictions and athletes. Students will practice a variety of cooking techniques in the foods lab which focus on healthy meal preparation, nutrient dense foods, and the incorporation of current trends and research in food and nutrition. By the end of the course, students will have developed and implemented personal wellness plans for maintaining health and fitness including planning meals and menus and fitness routines to promote health.

## INTERIOR DESIGN

**#0846 Interior Design**
Grades 10-12 / 1 Semester - 1.0 credit

Students will gain an understanding of the elements and principles of design. Students will learn to make appropriate selections of colors, fabrics, furnishings, lighting and furniture. Students will develop skills in architectural drafting and space planning through the use of hand or computerized drafting techniques. Students with apply math calculations to scale rooms and create scaled floor plans for a variety of spaces. Class projects include decorating sample rooms and designing floor plans. Students will also explore potential careers in the architecture and design fields.

**#0853 Advanced Interior Design**
Grades 10-12 / 1 Semester - 1.0 credit
*Prerequisite*: Interior Design
**May be repeated**

Students who want to continue to expand their design skills or who are considering a career in the design field will benefit from this course. Students will be able to increase their skill level as they design and decorate rooms of their choice. Students will prepare designs and a presentation board for a client's home. Participation in the FCCLA Interior Design competition is recommended.

# Industrial Technology Career Cluster and Course Overview

## Communications

- Graphic Communications 1
- Graphic Communications 2 (May be Repeated)
- Multimedia Printing and Design
- Advanced Graphic Production Printing (May be Repeated)

## Transportation

- Auto Consumer Ownership (Consumer Ed. Credit)
- Auto Tech Fundamentals I *General Maintenance*
- Auto Tech Fundamentals II *Small Engines*
- Automotive Diagnostics (May be Repeated)
- Automotive Collision Repair (May be Repeated)

## Construction

- Wood Technology 1
- Wood Technology 2 (May be Repeated)
- Drafting for Construction Semester
- Wood Technology Production (May be Repeated)
- Advanced Construction

## Architecture Engineering & Manufacturing

- Drafting for Construction Semester
- Technical Drafting /CAD Full year (Dual Credit)
- Architectural Drafting Honors (Dual Credit)
- Engineering Drafting Honors
- Architectural Drafting STEM Applications (May be Repeated)
- Engineering Drafting STEM Applications (May be Repeated)

**Career Internship**

Career exploration for all CTE areas! Earn credit for out of school work experiences!

**Science, Technology, Engineering, and Math**

Principles of Physics Technology
(Science or Practical Arts Credit, Dual Credit with College of DuPage)

# Industrial Technology

Industrial Technology courses provide an important link between theory and application in career fields related to Science, Technology, Engineering and Math. The curriculum allows students the opportunity to experience real-life problem-solving situations and to realize interdisciplinary connections and career applications. Industrial Technology courses address workplace demands, emphasize career paths and help equip students with the skills and competencies necessary to meet employer expectations. It is our goal to prepare all students with the foundation for a lifetime of learning.

Industrial Technology courses provide training in Automotive Technology, Engineering, Architecture, Drafting/CAD, Graphic Arts and Construction and Woodworking. It is our goal to help students develop marketable skills for the world of work and to prepare students for post-secondary training and education. Students with a background in Industrial Technology also have the skills necessary for practical, real-life maintenance and repair activities needed by anyone who owns a home or automobile. These skills also enhance a students ability to be a self-sufficient consumer and productive employee in the workplace.

**One course in Industrial Technology fulfills the practical arts graduation requirement, unless the course is being used to fulfill a consumer education, or science requirement.**

Some Industrial Technology courses also provide dual credit with College of DuPage at no cost to the student. See the Dual Credit Offerings section of the Course Offerings book for details.

**Career Exploration Opportunities During High School**

Industrial Technology students have many opportunities during high school to explore various careers within their Industrial Technology classes and beyond through shadowing and career internship programs. Many students work part time with engineers, architects, mechanics, printers, etc. to gain valuable on-the-job experience while learning skills and technology in the classroom.

**Opportunities After High School**

Students graduating with a strong Industrial Technology background can often find employment or an apprenticeship program based on the skills learned in their classes. They are also well prepared for trade schools, junior colleges, technical schools, and four-year colleges and universities.

**Career Opportunities**

| **Transportation:** | **Architecture & Engineering:** | **Construction Management:** | **Communications:** |
|---|---|---|---|
| Energy and Transportation Managers, Automotive Design, Automotive Service, Sales, Marketing, Manufacturing, Engineering | Residential & Commercial Architecture, Civil Engineering, Construction Engineering, Mechanical Engineering, Industrial Engineering | Contractor, Carpenter, Manufacturing, Building Inspector, Retail Sales, Construction Marketing and Sales | Marketing, Publishing, Publication Design & Sales, Graphic Design, Printing Production, Retail Sales |

## Clubs and Organizations:

**Auto Club**

The Auto Club is an organization for York High School students. Enrollment in an automotive course is a prerequisite for joining the club. Students may pursue their interests in automotive manufacturing and explore other fields found in the energy and transportation field. Students develop skills that are applied in the process of building an actual club-sponsored street rod.

**SkillsUSA**

SkillsUSA is the national organization for trade, industrial and technical occupations. Members who join SkillsUSA take part in civic, educational, professional and social activities that develop their social and leadership abilities. SkillsUSA programs emphasize respect for the dignity of work, as well as, high standards in trade ethics, workmanship, scholarship and safety. Students also compete in state and national competitions.

**National Technical Honor Society**

NTHS is the acknowledged leader in the recognition of outstanding student achievement in career and technical education. Students can join this honor society by achieving high academic achievement in CTE classes, exhibiting personal excellence, completion of the required number of CTE credits and participating in career & technical education organizations. Membership in this society will help students find success in today's highly competitive workplace.

# Course Descriptions

## SCIENCE, TECHNOLOGY, ENGINEERING AND MATH

**#0515 Principles of Physics Technology**
Grades 11-12 / Full Year Lab Course—2.0 HS credits
(Fulfills Science Elective OR Practical Arts requirement)
**NCAA Approved Science Course**
**Dual Credit with College of DuPage**
**(Electronics 1110 - 2 Semester Hours)**

This course focuses on the teaching of traditional physics concepts in the context of their relationship to industry and the four energy systems: mechanical, fluid, electrical and thermal. This course allows the student to apply physics concepts and principles to workplace situations with hands–on labs. This course also teaches the mathematical and scientific principles behind the technology we use everyday. This course will be beneficial for the student who is interested in the STEM applications of technology and physics to everyday situations related to technical fields.

## GRAPHIC COMMUNICATIONS

**#0581 Graphic Communications 1**
Grades 9-12 /1 Semester—1.0 credit

Graphic Communications 1 will be devoted to an in-depth study of graphic design, photo editing, digital illustrations, and screen print technology. Projects include photo retouching, designing and developing animated graphic ads, and creating advertising brochures using Adobe software such as Photoshop, Illustrator and InDesign. Students will also investigate post secondary education options and career opportunities in graphic communications and design.

**#0583 Graphic Communications 2**
Grades 9-12 /1 Semester —1.0 credit
**May be repeated**
*Prerequisite*: Graphic Communications 1 or the consent of the instructor

This course is an in-depth study of Adobe Photoshop, Illustrator, and InDesign building upon skills learned in Graphic Communications 1. Students will create designs appropriate for a variety of printing situations such as offset and digital printing, bindery operations, and single and multi-color screen printing on fabric. Student projects include photo manipulation, packaging designs, posters, and illustrations. Employment and career opportunities in the field of graphic design will be discussed.

**#0582 Multimedia Printing and Design**
Grades 9-12 / 1 Semester—1.0 credit
*Prerequisite:* Graphic Communications 1

This course will provide a comprehensive study of screen printing operations and specialty graphics at several levels including: Direct stencil application, single and multi-color screen printing on fabric, vinyl decal design and cutting, heat transfer on fabric and porcelain. Students will learn methods and use lab equipment found in this sector of the graphic industry. STEM applications will be explored as students create images using both basic and advanced computer programs. Students will also learn screen printing procedures and care of equipment used in manufacturing printed materials.

**#0584 Advanced Graphic Production**
Grades 10-12 /1 Semester—1.0 credit
**May be repeated**
*Prerequisite*: Graphic Communications 2 or Multimedia Printing and Design

Students in this class operate a in-house print shop which produces printed materials and t-shirts for individuals as well as District 205 schools and groups. STEM applications are reinforced as students perform design and production work to prepare and produce professional printed materials for clients. An emphasis on career readiness skills and accuracy and quality of printed products in the area of graphic communications is reinforced in this class.

## TRANSPORTATION

**#0538 Auto Consumer Ownership**
Grades 9-12/ 1 Semester —1.0 credit
Consumer Ed. Credit
**Fulfills the Consumer Education Graduation Requirement**

This course provides a hands-on approach to the main areas of consumer education required by the state for graduation through the study of automobile ownership. This class relates consumer topics in the appropriate context as it relates to selecting, owning and maintaining a large purchase such as an automobile. This class will also instruct students in the requirements for enhancing the overall satisfaction of being an automobile consumer. Lessons will include when and how to perform routine maintenance on your car; how to identify car problems; and fundamental emergency tips, such as changing a flat tire. The student who successfully completes this class will receive consumer education credit for graduation.

**#0526 Auto Tech Fundamentals 1**
**(General Maintenance)**
Grades 9-12 / 1 Semester—1.0 credit

This is an entry level course of study designed to teach the student basic mechanical operations of an automobile, how to perform routine maintenance and repair and learn the theory of operation of a multi-cylinder engine. STEM concepts are explored as students learn hands-on skills and proper use of tools and equipment. Students will also learn how to identify, inspect and repair basic automobile components and how to perform routine automobile maintenance and repair. This class is recommended for enrollment into Auto Diagnostics. Students will also explore the different career options in transportation career cluster.

**#0527 Auto Tech Fundamentals 2**
**(Small Engine Repair)**
Grades 9-12 /1 Semester—1.0 credit

This is an entry-level course of study designed to acquaint the student with the small four- and two-cycle gasoline engines used to power a variety of equipment. Ranging in size from 4 to 25 horsepower, most of these engines power outdoor power equipment but are also used on construction and recreational vehicles, and a host of other equipment requiring portable rotary power. The student will practice diagnosing engine failures and practice repairing a small gasoline engine. Students will also apply these concepts as they build a functional go-kart. Students will follow standards set by SkillsUSA and the National Outdoor Power Equipment Association as they apply STEM concepts in the automotive shop lab.

**#0533 Auto Diagnostics**
Grades 10-12 / Full Year Course—2.0 credits
*Prerequisite*: Auto Tech Fundamentals 1
**May be repeated**
**Students can earn a certification through NATEF**

This upper-level automotive course teaches the entry-level diagnostic and repair skills for employment or to further a career in the automotive technology field. This course emphasizes the study of brake systems, suspension and steering, electrical systems, emissions and engine performance (OBD 1&2) in accordance with ASE/NATEF Tasks and Standards. Students will learn and apply specialized automotive equipment such as computerized scan tools, electronic meter usage, brake lathes and alignment equipment.

**#0536 Automotive Collision Repair**
Grades 10-12 / Full Year Course—2.0 credits
**May be repeated**
***To receive ICAR Technician Collision Certification, students must repeat Automotive Collision Repair for a second year.***
*Prerequisite*: At least one semester of Auto Tech preferred and open to Juniors and Seniors with a 2.5 GPA

This upper-level course teaches students basic entry-level skills in the field of auto collision repair. Students will be exposed to many phases of this field by the use of ICAR collision programs and ASE predetermined lab tasks. Upon completion of this program, students will have applied and demonstrated STEM knowledge and skills in MIG welding, auto body preparation and repair. The student will also learn the proper procedures for applying corrosion protection, and base coat and clear coat paint finishes. Various types of plastic repair will be learned and practiced along with computer cost estimation of collision repair In addition, students will learn content appropriate automotive math and science.

Note: Auto Collision Repair may be repeated. During the second year of the course students will refine skills and work toward securing their ICAR Gold or Platinum certification. Certification points earned may be transferred for college credit to articulated schools in accordance with ICAR Standards.

## ARCHITECTURE, CONSTRUCTION AND MANUFACTURING

**#0565 Wood Technology 1**
Grades 9-12 / 1 Semester—1.0 credit

This beginning woodworking course is designed for students interested in developing woodworking skills for a profession or a hobby. It is the course on which further work in cabinetmaking, and carpentry is based. Proper procedures in construction are realized by designing and building projects including the proper use of different joinery, gluing, sanding and finishing techniques. Students will read and apply instructions and execute measurements for proper construction, a foundational skill in any STEM field. Instruction in care, use, and operation of hand tools and power machines is also a vital part of this course. The Construction Career Cluster is investigated and a study is made of present and future possibilities in these career fields.

**#0557 Wood Technology 2**
Grades 9-12 / 1 Semester—1.0 credit
*Prerequisite*: Wood Technology 1 with a grade of C or better.
**May be repeated**

This course is designed for the student who is interested in learning more advanced woodworking skills. Frame constructed furniture, the use of plywood, and techniques in jointing, fastening and laying out materials are studied. STEM concepts are further explored as students learn about the use and application of wood finishes appropriate to the product. This course is designed for those who wish to know construction techniques used in high quality furniture. The Construction Career Cluster is investigated, and a study is made of present and future possibilities of career fields such as furniture design, construction management, cabinetmaking or building trades.

**#0564 Wood Technology Production**
Grades 10-12 / Full Year Course—2.0 credits
*Prerequisite*: Wood Technology 2
**May be repeated**

This course is designed for the student interested in learning woodworking production techniques used in industry. Students will further apply STEM concepts through a mass-produced project that will be the primary focus of this course. There will also be a focus on proper care, maintenance and repair of woodworking equipment. The Construction Career Cluster is studied as well as present and future possibilities of these career fields. Students that complete all three levels of woodworking often have the opportunity to enter an apprenticeship program of their choice.

**#0556 Advanced Construction**
Grades 10-12 / Full Year—2.0 credit
*Prerequisite*: Wood Technology 1 and Drafting for Construction

In Advanced Construction students will apply skills learned in previous courses such as hand tool operation, measurement, print reading and applied construction techniques to the construction of a small scale building structure. Students interested in architecture or building design will further their understanding of building structures through this hands on construction course. Students interested in pursuing careers within architecture, construction, and manufacturing will strengthen their understanding of building design and construction steps through the design, construction and outfitting of a building. Students will learn techniques for the construction of the building structure as well as interior finishing such as plumbing, electrical, drywall, tiling and fixture installation.

## ARCHITECTURE AND CONSTRUCTION, ENGINEERING AND MANUFACTURING

**#0570 Technical Drafting/Computer Aided Drafting & Design**
Grades 9-12 / Full Year Course—2.0 HS credits
***Dual Credit with College of DuPage***
***(Manufacturing 1101—3 Semester Hours)***
*Dual credit is open to all Junior and Senior students. Freshman and sophomore students need to be recommended by the classroom teacher in order to receive dual credit.*

This is a beginning course in Computer-Aided Drafting designed for the student interested in many technical fields. This STEM course not only prepares the student for advanced engineering and architecture courses, but also reinforces elements of design, geometry, math, physics, computer concepts and visual arts. Units covered in the course include sketching, geometric construction, orthographic projection, dimension standards, pictorial

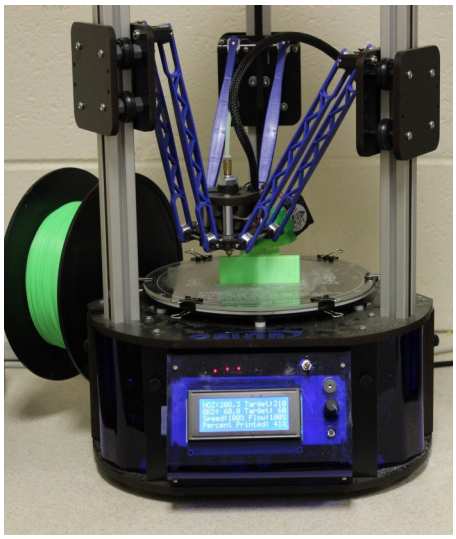
drawings and basic 3D modeling, and career exploration. Students will do their work using AutoCAD on Windows-based PCs. This course is a must for anyone considering a career in engineering, architecture, interior design, or any career that requires blueprint reading such as carpentry, plumbing, electronics or machining.

**#0571 Drafting for Construction**
Grades 9-12 / 1 Semester-1.0 credit

This is a beginning course in Computer-Aided Drafting designed for the student interested in the construction industry. Utilizing CAD software students will experience sketching, geometric construction, orthographic projection, dimension standards, and pictorial drawings with a focus on building trades. This course reinforces elements of design, geometry, math, physics, computer concepts and visual arts. Students will do their work using AutoCAD on Windows-based PCs. This course is a must for anyone considering a career in architecture, construction, and any career that requires blueprint reading such as carpentry, plumbing, and electricians. Students who complete this course and Wood Technology 1 can move on to the Advanced Construction capstone course.

**#0578 Engineering Drafting Honors**
Grades 10-12 / Full Year High Weighted Course — 2.0 credits
*Prerequisite*: Technical Drafting/CAD

This course is designed for the high school student who wants to pursue a career in an engineering field or other related areas. Included in this course are the study of STEM principles in 3D modeling and printing as well as the advanced practice of geometric construction, orthographic projection, pictorial drawings and manufacturing processes. Students will continue their study with Autodesk Inventor on Windows-based PCs. They will learn advanced CAD practices including 3D-modeling and animation and will also participate in design and problem solving in the construction and testing of several project based activities. 3D printing operations are taught along with the design and manufacture of products designed by the student.



**#0596 Engineering Drafting: STEM Applications**
Grades 11-12 / 1 Semester — 1.0 credit
**May be repeated**
*Prerequisite:* Engineering Drafting/CAD

With instructor consultation students will develop a STEM applications engineering project, reverse design project and/or advanced robotics programming problem. The student project selected will have the appropriate STEM content and level of complexity to challenge the student. This class demonstrates that the student has pursued his/her interest in Engineering Drafting/CAD and demonstrates a higher level of proficiency and excellence to post secondary institutions and private industry.

**#0561 Architectural Drafting Honors**
Grades 10-12 / Full Year High Weighted Course—2.0 HS credits
*Prerequisite*: Technical Drafting/CAD or Drafting for Construction

**Dual Credit with College of DuPage**
**(Architecture 1211 — 3 Semester Hours)**
*Dual credit is open to all Junior and Senior Students. Sophomore students need to be recommended by the classroom teacher in order to receive dual credit.*

This is the most specialized of all the drafting courses offered at York. The comprehensive STEM course focuses on architectural drafting skills combined with the knowledge of house design, layout construction methods, materials and use of building codes enable the student to design and draw a complete set of original plans for a house of his or her own design. Upon completion of the course, the student will have drawn the foundation, floor plans, elevations, wall section, stair design, door/window schedules, and either a two-point perspective or 3D model of their house design. Students will do their work on a computer using windows based Autodesk 2D and 3D modeling software. Students may also choose to construct a scale model or other approved model of their choice.

**#0597 Architectural Drafting: STEM Applications**
Grades 11-12 /1 Semester— 1.0 credit
**May be repeated**
*Prerequisite:* Architectural Drafting/CAD

With instructor consultation students will develop a STEM applications architectural project. The project will have the appropriate STEM content and level of complexity to challenge the student. This class demonstrates that the student has pursued his/her interest in Architectural Drafting/CAD and demonstrates a higher level of proficiency and excellence to post secondary institutions and private industry.

# Mathematics

*What is different about different levels of York mathematics classes?*

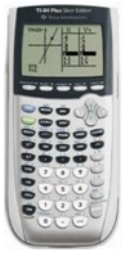
Pace - More advanced courses move through topics more quickly and thus cover more. Less advanced courses offer more opportunity for explanation and practice.

Level of abstraction - More advanced courses do more thinking at the abstract, symbolic level. Less advanced courses work more closely with examples and with real-world settings. These classes are slower to express concepts in purely symbolic form.

Mastery of prior content - Some courses are designed to spend time reviewing topics from previous years.

Study habits - More advanced courses require students to balance multiple assignments and manage longer, more sophisticated independent projects. Less advanced courses give more attention to building foundation study skills and offer more teacher support for long-term projects.

In most cases, students who do not pass the first semester of a math course do not continue on to the second semester.



**TI-84 Plus**

**TI-84 Plus CE**

Many courses require a graphing calculator from the TI-84 family made by Texas Instruments. Enriched courses and AP Calculus BC use the TI N-Spire CAS, which has computer algebra capability. Other types of graphing calculators are not allowed since their features are not compatible with certain assignments and do not match demonstrations given in class. TI-84 and TI-Nspire calculators are available for rental through the York Bookstore.

**TI-Nspire CAS**

**Scientific calculator**

## Course Descriptions

**#0314 ELL Math**
Full Year Course - 2.0 credits
*Prerequisite*: Placement by recommendation

ELL Math is a mathematics course designed for nonnative speakers of English who have limited background in formal educational settings. Topics include operations with whole numbers, fractions, decimals, percent, and signed numbers. The curriculum provides necessary mathematics background for these students and also builds their English competence in the kind of language they specifically need to succeed in mathematics classes.

**#0315 Bilingual Math**
Full Year Course - 2.0 credits
*Prerequisite*: Placement by recommendation

Bilingual Math is a mathematics course designed for native Spanish speakers who have limited background in formal educational settings. Topics include operations with whole numbers, fractions, decimals, percent, and signed numbers. The curriculum provides necessary mathematics background for these students. The language of instruction is Spanish, making the curriculum more accessible to students who are still acquiring general and academic English skills.

**#3310 Math Applications**
Grades 9-12 / Full year course - 2.0 credits, repeatable
*Prerequisite*: IEP recommendation
This course is designed to help students build concepts and skills with operations involving whole numbers, fractions and decimals. These are applied in a variety of application and measurement situations. A scientific calculator is required. This Special Education course is designed to address gaps and misconceptions in students' knowledge of basic operations. It may be repeated for credit.

**#3324 PreAlgebra**
Grades 9-10 / Full year course - 2.0 credits
*Prerequisite*: IEP recommendation

In this course students learn about signed numbers, ratios, proportions and percent. They work with variables, expressions, and simple equations, which are the foundation of algebra. Work with decimals, fractions and percent strengthens computational skills, and information is displayed with graphs. A scientific calculator is required. This course focuses on beginning skills needed to for success in algebra. Students can progress to Algebra Applications or Algebra A the following year.

**#0338/4338/0311 Algebra A**
Full Year Course - 2.0 credits
*0338 Prerequisite*: Determined by placement rubric
*4338 Prerequisite:* IEP recommendation
*0311 Prerequisite:* Placement by recommendation
This course is approved by NCAA for one-half year of math. Completion of Algebra A & B will be deemed as one year of math under NCAA guidelines.

This is the first course in a two-year sequence that covers algebra. Students use the tools of variables and symbols to explore patterns. They use a variety of displays to illustrate relationships, including the number line, tables and coordinate graphs. Course topics include integers, variables and equivalent expressions, the solution of first degree linear equations and inequalities, and ratios and proportionality. Algebra A and Algebra B, the pace provides an opportunity for students to build the algebra foundation necessary for success in advanced algebra, in college, and in careers.

**#0337/4337/0313 Algebra AB**
Full Year Course - 2.0 credits
*0337 Prerequisite*: Determined by placement rubric
*4337 Prerequisite:* IEP recommendation
*0313 Prerequisite:* Placement by recommendation
NCAA approved course

Algebra AB uses the tools of variables, symbols, tables, and graphs to explore patterns and relationships. Course topics include equivalent expressions, solving first and second degree equations, equations of lines, operations with polynomials, factoring, properties of exponents and exponential growth, and systems of equations. A graphing calculator from the TI-83/84 family is required.** This course begins the most typical path of mathematics courses required for college admission and future careers.

**#031B Bilingual Algebra (Spanish)**
Full Year Course - 2.0 credits
NCAA approved course

Bilingual Algebra uses the tools of variables, symbols, tables, and graphs to explore patterns and relationships. Course topics include equivalent expressions, solving first and second degree equations, equations of lines, operations with polynomials, factoring, properties of exponents and exponential growth, and systems of equations. A graphing calculator from the TI-83/84 family is required. Instruction and course materials will be provided in Spanish. This course begins the most typical path of mathematics courses required for college admission and future careers. Having the course taught in Spanish allows students to move forward with learning mathematics while their English skills develop.

**#0341 Frosh Geometry**
Full Year course - 2.0 credits
*Prerequisite*: Determined by placement rubric and Spring placement test
NCAA approved course

Frosh Geometry is designed for students who are skillful with the basics of first-year Algebra as they will need to apply these topics in geometric contexts. Work with geometry begins with properties of angles and segments, which form the basis of deductive proofs. Those proofs and the tools of algebra are used to explore congruent triangles, parallel lines and polygons. Additional topics include similar figures, right triangles, right triangle trigonometry, circles, area and volume. The Geometer's Sketchpad software is used to apply course topics and introduce students to geometric transformations. Computer programming in BASIC is another tool applied to geometry contexts. A graphing calculator from the TI-83/84 family is required. This is a regular-level course for students who have mastered the core concepts and skills of Algebra in middle school. After sophomore year, there are multiple paths available, concluding senior year with College Algebra, Precalculus or Precalculus H.

**#0331 Honors Geometry**
Full Year High Weighted Course - 2.0 credits
*Prerequisite*: Determined by placement rubric and Spring placement test
NCAA approved course

This honors course introduces students to Euclidean geometry through an emphasis on careful reasoning, deductive proof, and problem solving. Topics include congruent triangles, parallel lines, polygons, similar figures, right triangles, right triangle trigonometry, circles, three-dimensional figures, area and volume. The proficiency which students bring from their middle school Algebra course is maintained and extended as algebraic topics are applied in geometric contexts. A graphing calculator from the TI-83/84 family is required. This is a rigorous course for students who bring a strong algebraic foundation from middle school. It begins a sequence of courses that culminates with Advanced Placement Calculus AB or BC.

**#0351 Enriched Advanced Algebra with Trig_H**
Full Year High Weighted Course - 2.0 credits
*Prerequisite*: Determined by placement rubric and spring placement testing
NCAA approved course

This course begins the sequence of York's Enriched courses as students study a variety of types of functions: linear, quadratic, parametric, exponential, logarithmic, rational, and trigonometric. Students do more sophisticated work with proof, exponents, complex numbers, factoring, vectors, systems of equations in three dimensions, matrices, and probability. BASIC programming, writing assignments, and projects are used to enrich understanding. A Texas Instruments TI-Nspire CAS calculator is required. This is the first course in a rigorous sequence of courses for the most capable math students. These students will be prepared to take Calculus BC as juniors and a college level math course beyond that as seniors.

**#3320 Algebra Applications**
Grades 10-11 / Full year course - 2.0 credits
*Prerequisite*: PreAlgebra Block with IEP recommendation

In this course students apply basic operations to real-life situations, generalizing to obtain an understanding of variables, expressions, and equations. Students build proportional reasoning skills as they review equivalent fractions and percent. They use diagrams, tables, equations, and graphs to represent mathematical situations and solve problems. Though the focus of the course is on understanding prealgebra concepts and building foundational ideas of algebra, students will also develop the skills of simplifying expressions and solving linear equations. A scientific calculator is required. This course, which satisfies the algebra graduation requirement, focuses on beginning algebra skills and concepts. It is followed by Geometry Applications.

**#0354/4339/0316 Algebra B**
Full Year Course - 2.0 credits
*0354 Prerequisite:* Algebra A
*4339 Prerequisite:* IEP recommendation
*0316 Prerequisite:* Placement by recommendation
This course is approved by NCAA for one-half year of math. Completion of Algebra A & B will be deemed as one year of math under NCAA guidelines.

This is the second course in a two-year sequence that covers algebra. In Algebra A students gained a foundation for working with expressions and equations in one variable. In Algebra B these understandings are extended to the coordinate plane, where students use the tools of variables, symbols, and graphs to explore patterns and relationships. Course topics include slopes and lines, exponential change, powers and roots, systems of equations, quadratics, polynomial operations, functions and statistics. A scientific calculator is required. In Algebra A and Algebra B, the pace provides an opportunity for students to build the algebra foundation necessary for success in advanced algebra, in college, and in careers.

**#0330/033E/4335 Geometry**
Full Year Course - 2.0 credits
*0330 Prerequisite*: Algebra with a grade of at least C
*033E Prerequisite*: Placement by Recommendation
*4335 Prerequisite:* IEP recommendation
NCAA approved course

By studying geometry students learn to see relationships and patterns in the world around them and to use proof to establish the validity of their observations. Course topics include points, lines, angles, parallel lines, congruence, polygons, triangles, circles, three-dimensional solids, areas and volume, similarity, and right triangle trigonometry. Transformations, coordinate geometry, and the Geometer's Sketchpad are tools used ito investigate figures. Emphasis is placed on applications of geometry and developing the ideas of justification and proof. A graphing calculator from the TI-83/84 family is required. This course allows the students to continue on the most typical path of mathematics courses required for college admission and careers.

**#033B Bilingual Geometry (Spanish)**
Full Year Course - 2.0 credits
NCAA approved course
*Prerequisite:* Algebra
NCAA approved course

By studying geometry students learn to see relationships and patterns in the world around them and to use proof to establish the validity of their observations. Course topics include points, lines, angles, parallel lines, congruence, polygons, triangles, circles, three-dimensional solids, areas and volume, similarity, and right triangle trigonometry. Transformations, coordinate geometry, and the Geometer's Sketchpad are tools that will be used in investigating figures. Emphasis is placed on applications of geometry and developing the ideas of justification and proof. A graphing calculator from the TI-83/84 family is required. This course continues the most typical path of mathematics courses required for college admission and future careers. Having the course taught in Spanish allows students to move forward with learning mathematics while their English skills develop.

**#0317 Algebra 2 with Modeling**
Full Year Course - 2.0 credits
*9th grade prerequisite*: Determined by placement rubric and spring placement testing
*10th grade prerequisite*: Frosh Geometry
NCAA approved course

This course extends the topics that students encountered in algebra by addressing them algebraically, numerically and graphically. Students are introduced to new algebraic topics, including exponential growth, residuals, rational expressions, and periodic functions. Throughout the course an emphasis is placed on modeling real world phenomena and on the tools of data analysis, including spreadsheets and computer programming in BASIC. A graphing calculator from the TI-83/84 family is required. This course provides flexible pathways for students by giving them robust experiences in algebra topics before they continue on to advanced algebra at either the regular or honors level.

**#0359 Advanced Algebra with Trig H-grade 9**
**#0358 Advanced Algebra with Trig H-grades 10 & 11**
Full Year High Weighted Course - 2.0 credits
*9th grade prerequisite*: Determined by placement rubric and spring placement testing
*10th grade prerequisite*: Frosh Geometry H with a grade of at least C
*11th grade prerequisite*: Algebra 2 with Modeling with Department recommendation
NCAA approved course

Functions are the main topic of this course and are examined in terms of their algebraic properties, their graphs and their uses in modeling real-world situations. The types of functions studied include linear, quadratic, exponential, logarithmic, rational and trigonometric. Additional topics include more sophisticated work with factoring, rational exponents, trigonometric identities, and probability. BASIC programming is used as a tool to examine algebraic concepts. A graphing calculator from the TI-83/84 family is required. This course lays the foundation for precalculus for students working at an honors level of sophistication and rigor. It is part of four-year sequences which offer a strong preparation in mathematics required for college.

**#3330 Geometry Applications**
Grades 11-12 / Full year course - 2.0 credits
*Prerequisite*: Algebra Applications with IEP recommendation

The basics of geometry vocabulary and symbolism are introduced along with visualization of two-dimensional and three-dimensional figures. Measurement topics include length, angle measure, perimeter, area and volume. Students learn the properties of lines, angles, triangles, polygons and circles. These and the Pythagorean Theorem are used in problem solving and real-world applications. Both inductive and deductive reasoning are emphasized.

*Rationale*: This course follows Algebra Applications and satisfies the graduation requirement for geometry.

**#0361 Advanced Algebra with Trig**
Full Year Course - 2.0 credits
*Prerequisite*: Geometry with a grade of at least a 'C' or Algebra 2 with Modeling
NCAA approved course

This course extends the study of algebra begun in Algebra AB. Familiar topics such as equations, exponents, graphs, systems of equations and polynomials are studied in more depth. New concepts include variation, sequences, matrices, transformations of functions and graphs, exponential and logarithmic functions, trigonometry, and quadratic functions. The trigonometry of right triangles is extended to general triangles and the unit circle. Throughout this course there is a strong emphasis on applications of mathematics. A graphing calculator from the TI-83/84 family is required. This course allows students to continue on the most typical path of mathematics courses and take College Algebra the following year. The course also satisfies the requirement of three years of mathematics required by many colleges.

**#035B Bilingual Advanced Algebra/Trig (Spanish)**
Full Year Course - 2.0 credits
*Prerequisite:* Geometry
NCAA approved course

This course extends the study of algebra begun in Bilingual Algebra. Familiar topics such as equations, exponents, graphs, systems of equations and polynomials are

studied in more depth. New concepts include variation, sequences, matrices, transformations of functions and graphs, exponential and logarithmic functions, trigonometry, and quadratic functions. The trigonometry of right triangles is extended to general triangles and the unit circle. Throughout this course there is a strong emphasis on applications of mathematics. A graphing calculator from the TI-83/84 family is required. This course allows students to continue on the most typical path of mathematics courses required for college admission and future careers. Having the course taught in Spanish allows students to move forward with learning mathematics while their English skills develop.

**#0379 Precalculus**
Full Year Course - 2.0 credits
*Prerequisite*: Advanced Algebra with Trig H
NCAA approved course

The first semester examines rate of change, concavity, functions, asymptotes and limits, continuous exponential growth, natural logarithms, regression models for exponential and power functions, and transformations and symmetry. The second semester is devoted to trigonometric identities, polar coordinates, vectors, and sequences and series. Throughout the course there is an emphasis on applications and the use of technology. A graphing calculator from the TI-83/84 family is required. This regular-level course is designed for two groups of students. Seniors will go on to calculus or other university mathematics courses intended for majors in non-STEM fields. Juniors and sophomores will follow this course with Functions & Finite Math, an honors-level course which prepares for a STEM-based calculus course.

**#0356 Precalculus H**
Full Year High Weighted Course - 2.0 credits
*Prerequisite:* Advanced Algebra with Trig H with Department approval
NCAA approved course

First semester examines linear, quadratic, polynomial, and trigonometric functions and their graphs, domain and range, theory of equations, imaginary and complex numbers, exponential and logarithmic phenomena, and analytic geometry. Second semester is devoted to trigonometric identities, polar coordinates, complex numbers, vectors and determinants, sequences and series, matrices, probability and statistics. Throughout the course there is an emphasis on applications and the use of technology. A graphing calculator from the TI-83/84 family is required. This course continues the honors sequence of courses that prepares students for STEM majors in college and includes AP Calculus AB or BC.

**#0397 Enriched Precalculus with AP Statistics**
Full Year High Weighted Course - 2.0 credits
*Prerequisite*: Enriched Advanced Algebra with Trig, with a grade of at least a 'C'
NCAA approved course

This course extends work with the theory of functions begun in Enriched Advanced Algebra and Trigonometry. It introduces polar coordinates, conic sections, natural logarithm and exponential functions, sequences and series, and limits. Technology is used for modeling and for discovering key ideas from multiple perspectives. In addition to prerequisite knowledge for Calculus BC, students study statistics with the goal of taking the AP Statistics exam. The statistics units involve four broad conceptual themes: using graphical and numerical techniques to study patterns of data, planning a method of data collection, applying the rules of probability, and making statistical inferences to justify conclusions about large populations. Throughout a strong emphasis is placed on critical thinking and communication. A Texas Instruments TI-Nspire CAS calculator is required. This course gives students a college level experience in statistics while finishing the Enriched sequence that prepares for AP Calculus BC.

**#0352 Algebra 2**
Full Year Course - 2.0 credits
*Prerequisite*: Geometry C, or Geometry with permission of Department
NCAA approved course

This course builds upon ideas that students have previously studied in Algebra B. Topics include equations and inequalities, expressions, functions, graphs, systems of equations, powers, roots, operations with polynominals and factoring, equations of lines, logarithms and quadratics. A graphing calculator from the TI-83/84 family is required. This course is the capstone course for those students who begin with Algebra A. It satisfies the advanced algebra course requirement for college.

**#0353 Algebra 3**
Full Year Course - 2.0 credit
*Prerequisite*: Math Department approval
NCAA approved course

This course is aimed at seniors who want to continue to strengthen their understanding of mathematical concepts that they will need for success in careers, college math courses and decision-making in everyday life. The course will focus on personal and business finance, with students applying algebraic concepts to real-world topics. Algebraic concepts include ratios and percent, linear, quadratic, and exponential functions, and work with data and statistics. A graphing calculator from the TI-83/84 family is required. This course can serve as a fourth-year course for students who take Algebra 2 as juniors. It is also appropriate for students who take Ad-

vanced Algebra with Trig, but are not ready for the pace and abstraction of College Algebra.

**#0385 College Algebra**
Full Year Course - 2.0 credits
*Prerequisite*: Advanced Algebra with Trig, with a grade of at least a 'C'
NCAA approved course

This course examines functions, statistics, and trigonometry using the tools of transformations, graphs and data analysis. The following types of functions are investigated and used to model data: linear, quadratic, power, exponential, logarithmic, trigonometric, polynomial and rational. Radian measure is emphasized in trigonometry. Additional topics are probability and sequences and series. Students make extensive use of Desmos for graphing and technical writing. A graphing calculator from the TI-83/84 family is required. This course is the capstone course for our most typical path of mathematics courses. It allows students to begin their university work in mathematics with precalculus or calculus and prepares them for fields that use mathematics.

**#0383 Functions & Finite Math H-ACP**
Full Year High Weighted Course - 2.0 credits
*Prerequisite:* Precalculus
NCAA approved course

Dual Credit with Indiana University: Math M118-Finite Math. Please see the dual credit section of the course offering book for additional information about this course and other dual credit offerings at York. Students interested in earning Indiana University credit for M118-Finite Math will work with their teacher during the first week of class to complete the application process. The following topics will be addressed in this course: Sets and logic, counting techniques, probability and expected value, standard deviation and modeling random events, linear programming, conics, applications of trigonometry, and analytic geometry. Matrices and transformations will be applied in business and social sciences applications, modeling with Markov chains and image processing. Throughout the course, technology, including computer programming in the BASIC language, will be used to generalize and apply course topics to model real-world situations. A graphing calculator from the TI-83/84 family is required. This honors-level course allows students from Precalculus to prepare for a STEM field through a rigorous calculus course, either through AP Calculus at York or at a university. It also offers a college-level experience through the Advance College Project.

**#0390 AP Calculus AB**
Full Year High Weighted Course - 2.0 credits
*Prerequisite*: Precalculus H or Functions & Finite Math
NCAA approved course

This is a full-year course equivalent to one semester of college calculus. Topics of study include limits and continuity, rates of change, derivatives, relationships between functions and their derivatives, definite and indefinite integrals, the Fundamental Theorem of Calculus, volumes of solids, and differential equations. Each topic is examined both abstractly and with numerous practical applications. All topics are approached rigorously through graphical, numerical, and algebraic representations. Students may receive undergraduate college credit for one semester of calculus through high performance on the Advanced Placement Calculus AB exam. A graphing calculator from the TI-83/84 family is required. This is a college-level course that allows students to receive one semester of college credit through the Advanced Placement exam.

**#0391 AP Calculus BC**
Full Year High Weighted Course - 2.0 credits
*Prerequisite*: Enriched Precalculus, Precalculus H, or Functions & Finite Math with Department approval
NCAA approved course.

This is a full-year course equivalent to two semesters of college calculus. It covers the topics listed above for AP Calculus AB. Additional topics include advanced methods of integration, advanced estimation methods for differential equations, converging and diverging series of numerical constants, Taylor series for function approximations, and two-dimensional motion with vectors and parametric equations. Each topic is examined both abstractly and with numeric practical applications. All topics are approached rigorously through graphical, numerical, and algebraic representations. Students may receive undergraduate college credit for two semesters of calculus through high performance on the Advanced Placement Calculus BC exam. Due to the extensive list of additional topics, AP Calculus BC moves at a much faster pace than AP Calculus AB. A Texas Instruments TI-Nspire CAS calculator is required. This course is a college-level course that allows students to receive two semesters of college credit through the Advanced Placement exam.

**#0396 AP Statistics**
Full Year High Weighted Course - 2.0 credits
*Prerequisite:* Advanced Algebra Trig H or grade of 'A' in Advanced Algebra Trig
NCAA approved course

This is a full-year course equivalent to one semester of college statistics. Students learn about four broad con-

ceptual themes: using graphical and numerical techniques to study patterns of data, planning a method of data collection, applying the rules of probability, and making statistical inferences to justify conclusions about large populations. Students are expected to think critically about real-world data and explain their work in written form. A strong emphasis is placed on precise writing and communication. A student may receive undergraduate college credit for one semester of statistics through high performance on the Advanced Placement Statistics exam. A graphing calculator from the TI-83/84 family is required. This college-level course is appropriate for students who have completed precalculus and will not need to take calculus in college. It is also an excellent supplement to take in tandem with a fourth-year math course. It allows students to receive one semester of college credit through the Advanced Placement exam.

**#0387 Calculus II with Applications ACP**
Full Year High Weighted Course - 2.0 credits
*Prerequisite:* Calculus AB with a grade of at least a 'C'
Pending NCAA approval

Dual Credit with Indiana University: Math M212 - Calculus II. Please see the dual credit section of the course offering book for additional information about this course and other dual credit offerings at York. Students interested in earning Indiana University credit for M212-Calculus II will work with their teacher during the first week of class to complete the application process. **T**his course addresses those calculus topics that are part of the AP Calculus BC curriculum but not that of AP Calculus AB, and also provides work in other areas of mathematics, such as discrete math. Calculus topics are: further integration techniques (by parts, trigonometric substitutions, partial fractions), improper integrals, arc length and surface area, converging and diverging series of numerical constants, Taylor series for function approximations, and parametric curves with their arc length, surface area, and intersections. At the completion of the course, students may elect to take the AP Calculus BC exam. A graphing calculator from the TI-83/84 family is required. By taking AP Calculus and this course, students will have studied the topics of AP Calculus BC and also had experiences in other areas of mathematics.

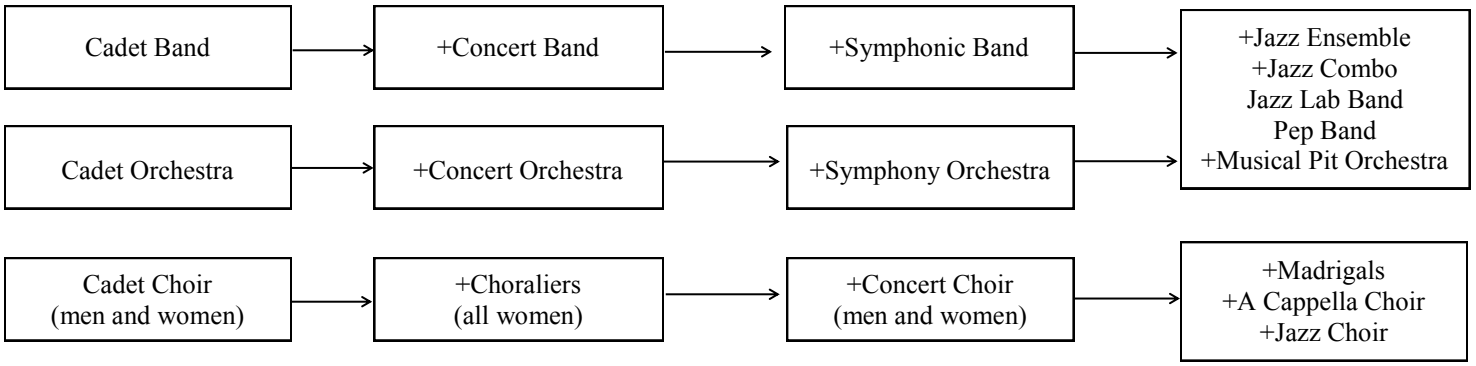
**#0388 Calculus III ACP**
Full Year High Weighted Course - 2.0 credits
*Prerequisite:* Calculus BC with a grade of at least a 'C'
Pending NCAA approval

Dual Credit with Indiana University: Math M311 - Calculus III. Please see the dual credit section of the course offering book for additional information about this course and other dual credit offerings at York. Students interested in earning Indiana University credit for M311-Calculus III will work with their teacher during the first week of class to complete the application process. One role of this course is to complete the standard university calculus sequence for students who have taken AP Calculus BC. In Calculus III students encounter the elementary geometry of two, three and n-dimensional space; functions of several variables; partial differentiation; optimization in multi- variable situations; and multiple integration. Vectors are a key tool as students expand what they learned in two dimensions to three or more dimensions. In addition to this standard content, York's Calculus III course investigates applications from all students' calculus experience to a variety of areas of human knowledge such as applied engineering, physics, biology, pure mathematics and statistics. This course allows students to complete the three-semester calculus sequence that is the common university requirement for majors in math, engineering and computer science.

# Performing Arts Course Overview

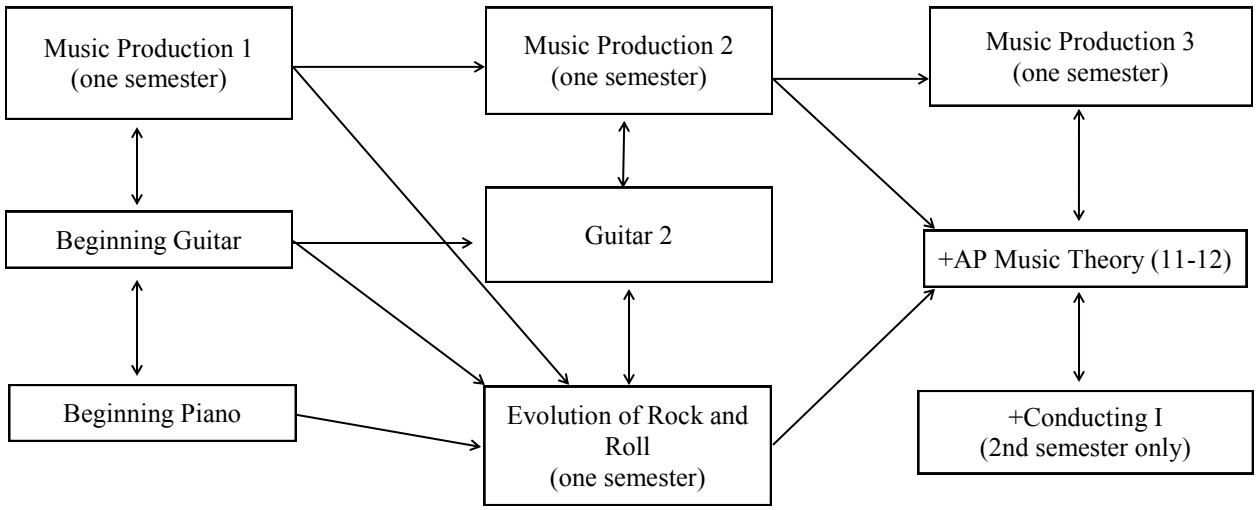
## Performing Ensembles

| Cadet Level | Concert Level | Symphonic Level | Extracurricular |
|---|---|---|---|
| Membership in these performance groups consists primarily of freshmen | Membership in these performance groups consists of sophomores, juniors and seniors | Membership in these performance groups consists of sophomores, juniors and seniors | Performance groups that meet outside of the school day |

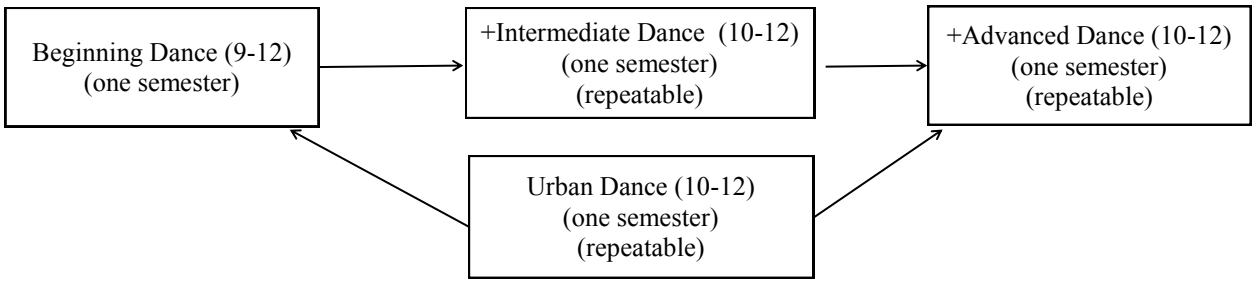



Note: Members of the Symphonic Band and Concert Band combine to form the York "Dukes" Marching Band.

## Music Classes




## Dance Classes




+Requires audition or permission from instructor

All classes are year long classes unless otherwise noted.

# Performing Arts

Performing Arts are presented as a serious academic enterprise within the total school curriculum. Three areas of emphasis within the department are offered: Performing Ensembles, Music Classes and Dance.

**One course in Performing Arts fulfills a fine arts graduation requirement. (Dance can be taken to fulfill fine arts or physical education requirements—must be declared in advance.)**

## Clubs and Organizations

**AMATEUR MUSICIANS AND RECORDING CLUB**
The Amateur Musicians Club offers a relaxed, supportive environment for students who want to play music, learn cover songs, and work on writing original material. One of AMC's goals is to provide opportunities for young musicians to get experience performing live. The Amateur Musicians perform regularly in the York Commons and at off-campus venues like Fitz's Spare Keys several times throughout the school year. AMC welcomes any and all students to play music with us. We meet every Thursday after school in A155 from 3:10-4:30 throughout the school year

**DRAMA CLUB**
Students have an extensive opportunity to participate in theater. All students, from actors, to tech students, to those who simply have interest in theatre, are welcome to join the Drama Club. Students in the drama club work behind the scenes to support all York productions in set building, lighting, costumes and makeup. We take trips to see professional productions and have the opportunity to work with professional actors from Chicago and New York. Students are invited to audition or work on all stage productions, as well as Performance in the Round, Group Interpretation and the Summer Theatre Conservatory 1 and 2. Students may accrue Thespian points and become part of the International Thespian Association as well.

**THESPIAN SOCIETY**
The Thespian Society is a branch of the Drama Club reserved for theater students who have proven a commitment to York Drama. As students participate in theatrical productions on stage and backstage, and as they attend outside productions, they earn points toward membership in the International Thespian Society. At the end of the year, students who have logged 100 hours in York Drama are eligible for induction into the society. Thespian Society members are responsible for organizing drama events, managing backstage crews for the mainstage productions and running drama meetings.

**FINE ARTS**
Fine Arts Week is a week in March dedicated to providing York students with the opportunity to hear student, collegiate, and professional groups from the Chicagoland area. The mission of Fine Arts Week is to expose students to the many different forms of artistic expression. The week includes a student Talent Show, performances by nearby colleges (Elmhurst College, COD), and performances from several of the performing arts groups at York (Jazz Band, Speech Team, Group Interpretation). The events of the week are largely planned, organized, and directed by York students. Fine Arts Week allows students the chance to gain real-life experience with skills related to careers in the arts.

**RECORD CLUB**
Record Club provides a place for students who love music to listen to albums, share songs with each other and discuss what music everyone should be listening to. Record Club is a great way to find out about new music you might like and meet people who have similar interests. All students are welcome to join at any time during the year. Record Club meets every Friday morning in A155 at 7am.

**YORK MUSIC OUTREACH PROGRAM**
Members of the York Music Outreach Program research and organize service projects in the form of musical performances at local nursing homes, hospitals, shelters and hospice organizations. Students promote the idea that musical skills are learned at York to go beyond self-betterment, that they are tools to be used throughout a lifetime to enhance community and share beauty.

## York Dance Company

York Dance Company is an audition based dance company featuring a variety of dance styles. Members have the opportunity to learn student, faculty, and/or guest artist choreography to perform in formal and/or informal staged concerts. York Dance Company is open to all grade levels, and auditions are held once a year. You are making a year commitment to the company. Potential field trips to dance festivals and/or dance concerts in the Chicagoland area may be arranged, calendar permitting. YDC offers selected high school students a unique opportunity to have a company experience in a professional-like setting. Under close guidance of one faculty artistic director, students have the opportunity to be involved in various aspects of producing a concert. Each member is expected to be a productive, reliable, considerate, and supportive individual who daily demonstrates responsibility to the whole.

## Jazz Ensemble

This is an extracurricular organization in which students study and perform a wide variety of jazz and rock styles. Selection is by audition only. Emphasis is on musical qualities of performance including: style, blend, jazz interpretation, intonation and rhythm. Improvisation techniques are introduced and opportunities for creative soloing are stressed. Members of the Jazz Ensemble will perform in three formal concerts throughout the school year. They will also perform outside the school at jazz festivals and other venues.

## Jazz Lab Band

Jazz Lab Band is an extracurricular jazz ensemble that is open to all students on all instruments and does not require an audition. The ensemble is meant to provide a springboard for those students that have little or no jazz playing experience. The ensemble has two formal performances during the year and rehearses twice weekly, on Wednesday and Friday mornings from 6:45 to 7:30.

# Course Descriptions

**#8190 The Evolution of Rock & Roll**
Grades 9—12/ One Semester Course—1.0 credits

This course will cover the evolution of Rock n' Roll music from its earliest ancestors and influences to the many genres of rock that exist today. The course will begin by examining Rock n' Roll's Blues and Country roots dating back to songwriters like Robert Johnson and Hank Williams. The students will learn how the early sounds and song structures of Blues and Country music directly influenced the emergence of Rock n' Roll in America in the 1950's. What emerged from Rock n' Roll's early beginnings were hugely successful bands like The Beatles, The Rolling Stones, and Bob Dylan. These artists demonstrated that Rock n' Roll music was a form of artistic expression that had no limits in its power to influence not only the individual, but all of popular culture. The class will study the major musical influences of the decades that followed. This course will allow students to understand that all forms of rock n' roll music that came afterwards are directly influenced and inspired by the early founders of rock from the 1950's and 1960's.

**#8209 Men's Cadet Choir**
Males, Grades 9- 12 / Full Year Course - 2.0 credits

Men's Choir is open to male students who enjoy singing. Men's Choir provides beginning level exposure to choral music at York. Anyone expressing an interest in learning the fundamentals of good musicianship through applied vocal music will find this class an excellent way to improve his or her abilities as a vocal music performer. Music studied includes classical, contemporary, folk, barbershop, Broadway and mixed choral music when combined with the Women's Choir. The Men's Choir appears at all annual choral concerts at York. This class meets daily.

*Rationale*: This course is designed as a preparatory course for upper level performance ensembles.

**#8210 Women's Cadet Choir**
Females, Grade 9-12 / Full Year Course - 2.0 credits

Women's Choir is open to female students who enjoy singing. Females expressing an interest in learning the fundamentals of good musicianship through applied vocal music will find this class an excellent way to improve her abilities as a vocal music performer. Music studied includes classical, contemporary, folk, Broadway and mixed choral music when combined with the Men's Choir. The Women's Chorus appears at all annual choral concerts at York. This class meets daily.

*Rationale*: This course is designed as a preparatory course for upper level performance ensembles.

**#8211 Choraliers**
Grades 10-12 / Full Year Course - 2.0 credits
*Prerequisites:* Audition and vocal experience

Choraliers is open to all students who enjoy singing. Anyone expressing an interest in learning the fundamentals of good musicianship through applied vocal music will find this class an excellent way to improve his or her abilities as a vocal music performer. Music studied includes: Broadway, classical, contemporary, folk and jazz. The Choraliers appear at all annual choral concerts at York.

*Rationale*: This course is intended as an intermediate performance ensemble from which a student may audition for Concert Choir.

**#8212 Concert Choir**
Grades 10-12 Men & 11-12 Women / Full Year Course - 2.0 credits
*Prerequisites*: By audition and one to two years of performance class at the high school level

Membership in this York choral organization is by audition only. Advanced concepts of vocal/choral art are studied and applied through traditional and contemporary choral literature. The Concert Choir appears at all annual concerts at York and participates in community performances.

*Rationale*: This course gives students the opportunity to learn and experience some of the great choral literature of our culture.

**#8205 Cadet Orchestra**
Grades 9-12 / Full Year Course - 2.0 credits
*Prerequisite*: Middle School Orchestra
This course is for training and performance. The class meets daily, studying technical aspects of string playing, music theory, ear training and basic musicianship. Each student performs a solo during the year, as well as participating in orchestral performances.

*Rationale*: This course is designed as a preparatory course for Concert and Symphony Orchestra.

**#8216 Orchestra Winds**
Grades 10-12 / Full Year Course - .5 credit
*Prerequisite*: Symphonic Band membership

Woodwind, brass and percussion players are invited to participate in Symphony Orchestra based on outstanding performance and demonstration of responsibility in band. Students give up half their lunch hour two to three times per week to rehearse with the orchestra.

*Rationale*: This course provides soloistic orchestral experience for the serious woodwind, brass and percussion player and allows the orchestra to perform full orchestra music.

**#8206 Concert Orchestra**
Grades 9-12 / Full Year Course - 2.0 credits
*Prerequisite*: Completion of Cadet Orchestra requirements or audition placement from middle school
This course is for string orchestra training and performance. The class meets daily, studying more advanced aspects of string playing and more advanced literature than Cadet Orchestra. Each student performs a solo during the year, as well as four major string and/or full orchestra performances. Soloists may be featured with the orchestra and outside performances may be scheduled.

*Rationale*: This course is designed as a training and full performance orchestra to prepare students for membership in the York Symphony Orchestra.

**#8207 Symphony Orchestra**
Grades 10-12 / Full Year Course - 2.0 credits
*Prerequisites*: Completion of Cadet and/or Concert Orchestra requirements and performance level

This course is for advanced string players interested in performing the world's great orchestral literature. The course meets five days a week and has a weekly sectional rehearsal after school. Full Symphony Orchestra consists of the Symphony String section and the top woodwind, brass and percussion players from the Symphonic Band. Students will perform four major concerts, a solo recital, a chamber ensemble recital, as well as numerous outside performances. Solo auditions are held each year.
*Rationale*: The Symphony Orchestra, selected by audition, represents the most advanced instrumentalists in the school. The literature performed and the ensemble discipline will prepare a student for college music study or a lifetime of musical enjoyment.

**#8200 Cadet Band**
Grades 9-10 / Full Year Course - 2.0 credits
*Prerequisites*: Middle School Band

Cadet Band is the entry level offering into the York

High School band program. All entering freshman band students are assigned to this band, unless audition warrants alternative placement. This course is designed for students with previous playing experience through middle school level on brass, woodwind and percussion instruments. Students will focus on developing their instrumental performance skills, pitch/rhythmic accuracy and tone quality/production to facilitate higher levels of musical expression in a large performing musical ensemble. Members of the Cadet Band will participate in a solo performance festival in January and will perform in no less than four formal concerts throughout the year. Members of this ensemble are encouraged to participate in the York Pep Band.

*Rationale*: The Cadet Band is designed to prepare band students with appropriate skills and experiences necessary to advance to one of the two auditioned bands at York.

**#8201 Concert Band**
Grades 9-12 / Full Year Course - 2.0 credits
*Prerequisite*: Completion of Cadet Band

The Concert Band is an advanced instrumental ensemble that demands a high level of commitment to musical performance. Students will be expected to utilize their knowledge of large ensemble performance practice, basic music theory and the technical aspects of their particular instrument, gained in Cadet Band or an equivalent musical experience, to perform sophisticated high school music literature. Students in this ensemble are required to participate in a solo performance festival in January and perform in no less than four formal concerts throughout the year. Students from this ensemble are also required to participate in the York Marching "Dukes" Band and are encouraged to participate in the York Pep Band. Selected students will also perform with the Concert Orchestra on several York High School Orchestra Concerts.

*Rationale*: The Concert Band is one of two auditioned performing bands at York. Sophomore, junior, and senior musicians with successful experiences in Cadet Band or equivalent large ensemble musical performance groups are invited to participate.

**#8203 Symphonic Band**
Grades 10-12 / Full Year Course - 2.0 credits
*Prerequisites*: Completion of Cadet Band and audition

The Symphonic Band is the most advanced band ensemble at York High School. Participation in this auditioned group requires extremely high levels of commitment and performance skills. Students in this ensemble are expected to participate in sectional rehearsals, chamber ensembles as well as daily large group instruction and a solo and small ensemble festival. Students in this band combine with members of the Concert Band to form the Marching "Dukes" and perform at all home football games and two community parades. The Symphonic Band participates in at least four formal concerts throughout the school year, and the members of this band combine with the other bands to form the York Pep Band. Select members will combine with the Symphony Orchestra to perform in several York Orchestra Concerts.

*Rationale*: The Symphonic Band offers our students the opportunity to perform very sophisticated and challenging high school and college level musical literature. The selection process for this ensemble is determined by audition.

**#8214 Beginning (Class) Piano**
Grades 9-12 / Full Year Course - 2.0 credits

This course is designed for students with little or no keyboard background to begin serious study on the piano. Students develop technical skills on the piano, acquire an understanding of standard musical notation and study basic theory concepts. Piano class contains both group and individualized instruction. Students are required to complete practice assignments outside of class on a keyboard at school or home.

Rationale: Students completing class piano will have developed musical skills that will enable them to sight-read simple melodies, play several different accompanimental patterns, improvise over a basic chord progression and better understand and appreciate music in general.

**#8218 Beginning (Class) Acoustic Guitar**
Grades 9 - 12 / Full Year Course - 2.0 credits

This course is designed for the student with no guitar background. Students will begin with basic musical concepts then learn to tune the guitar, read musical notation, tablature, chord diagrams, and experience melodic and basic chord performance. Advanced study will include further development of technical skills through the performance of scales, advanced chords and melodies, and the study of basic harmony and theory concepts leading to original compositions and the accompaniment of advanced melodies. Students will demonstrate successful performance of folk and rock songs at the varying levels of difficulty. Students must provide their own acoustic guitar. If a student cannot afford an acoustic guitar, please talk to a counselor or one of the music teachers and a guitar will be provided.

*Rationale: Beginning acoustic guitar class is offered to the student with no guitar background. Students completing beginning acoustic guitar class will acquire musical skills to enable sight-reading of simple melodies and chord progressions, arrange original accompaniments in a variety of styles, improvise over basic chord progressions and better understand and appreciate music.*

**#8223 Guitar 2**
Grades 9-12 / Full Year Course - 2.0 credits
*Prerequisite*: Beginning Guitar or department approval

This course is designed for the student who has a solid foundation of basic guitar skills and is interested in continuing and furthering the study of the guitar. As in Beginning Guitar, students will continue to focus on learning popular songs, technique, music theory, improvisation, and creating their own arrangements of various songs. Students will be introduced to a variety of fingerpicking methods, alternate tunings, and develop a broader approach to building chords across the fretboard. Students will also learn more about music composition, performance, and developing strategies for effective practice.

*Rationale: This class offers students the opportunity to further develop their skills on guitar. Students will gain experience reading chords and traditional notation, improvising, creating original compositions, and playing in different styles.*

**#8229 Music Production 1**
Grades 9-12 / 1 Semester —1.0 credit

In Music Production 1, students will be introduced to Apple's digital audio workstation, Logic Pro X. Students will work mainly with recording and editing MIDI and audio files in Logic Pro X to learn the basics of songwriting and music composition. Whether you like rap, rock, jazz, classical or metal, this class will help you understand how your favorite styles of music are created and how you can go about creating them yourself. By the end of this class, you will be comfortable using Logic Pro X to record original song arrangements, have basic piano skills, be able to speak intelligently about your favorite styles of music, and most importantly, have a collection of your own musical creations that you can be proud of.

*Rationale: Music Production is designed for students that are interested in exploring music at York High School, regardless of previous musical experience in band, orchestra, or choir. This course provides all students the opportunity to learn about music without having any background or training.*

**#8182 Music Production 2**
Grades 9-12 / 1 Semester - 1.0 credit
*Prerequisite*: Music Production 1

Music Production 2 will allow students to build upon the skills learned in Music Production 1. In this class, students will become proficient with Logic Pro X, song composition, and music theory fundamentals. Students will learn the basics of how to use York's recording studio, develop production skills to further the complexity of composition projects, and collaborate with fellow musicians to produce recordings with layers of audio and midi files. This class will continue to explore how popular styles of music are created and how students can produce similar types of songs, beats and sounds. By the end of this class, students will be comfortable using Logic Pro X, be able to compose various styles of music, and continue to develop a portfolio of original musical creations started in Music Production 1.

*Rationale: This course is intended to be an avenue for students to continue their study of music outside of the traditional performance based classes that are offered (band, orchestra and choir).*

**#8184 Music Production 3**
Grades 9-12 / 1 Semester – 1.0 credit
*Prerequisite:* Music Production 2

Music Production 3 will allow students will continue to develop their skills as a composer, songwriter, and music producer. In this class, students will develop a thorough understanding and proficiency with Logic Pro X, the DAW (Digital Audio Workstation) and the York Recording Studio. Students will apply the recording techniques and composition skills to create more advanced and complex musical projects. By the end of the semester, students will independently write, record, produce, and release an EP (Extended Player) consisting of at least three original songs that revolve around a central musical theme or concept. Students will use an online platform (like Bandcamp.com) to support a digital release of their EP. The students will also cover topics regarding how to create CDs of your work for distribution and how to copyright original work

*Rational: This course is intended to be a workshop for students to continue their study and creation of original music outside of the traditional performance based classes that are offered (band, orchestra and choir).*

**#8222 AP Music Theory**
Grades 11-12 / Full Year High Weighted Course - 2.0 credits
*Prerequisites:* Formal experience on a musical instrument or voice and the ability to read music
This course is designed for those who have shown special proficiency and talent in the field of music. It is intended to give the student a clear insight into the fundamentals of music, common rule practices of music theory, a systematic approach to harmonic analysis and practice improving ear training, sight singing and listening skills. To complete the course, students are required to compose an original vocal or instrumental composition suitable for public performance. This course will prepare a student to take the AP Music Theory Exam.
*Rationale*: College-bound music education or performance majors will acquire an invaluable background for their future education. Students will have a better understanding of the structure of music after taking this course.

**#0940 Beginning Dance**
Grades 10-12 / 1 Semester – .5 Physical Education credit
**#0937 Beginning Dance**
Grades 9-12 / 1 Semester—1.0 Fine Arts credit

In Beginning Dance students will be introduced to a variety of dance forms including modern dance, ballet, jazz techniques, dance vocabulary, improvisation, choreographic concepts and dance history. Students will learn various technical components of these dance forms and gain awareness of the body while building physical, aesthetic and performance skills, as well as developing an appreciation for dance. Beginning Dance is not a repeatable course.

*Rationale*: Beginning Dance is offered to students wishing to gain a basic fundamental knowledge of a variety of dance forms through daily instruction and participation.

**#192U/#292U Urban Dance**
Grades 11-12—1 Semester— .5 Physical Education credit
*Prerequisite:* PE 9 and PE 10
*Repeatable class*
**#0936 Urban Dance**
Grades 9-12—1 Semester—1.0 Fine Arts credit
*Repeatable class*

Urban Dance builds on cultural and urban dance styles addressed in Beginning Dance. Urban dance covers a variety of urban dance forms including African styles, Latin American styles, Jazz, Hip Hop, b-boying/b-girling, and dances influenced by American social dance throughout the decades. Students will also be exposed to dance vocabulary, improvisation, choreographic concepts and dance history. Students will learn various technical components of these dance forms and gain awareness of the body, while building physical, aesthetic, and performance skills, as well as developing an appreciation for dance. Discussion surrounding cultural and musical influences will be address throughout lessons.
*Performance opportunities available

**#0941 Intermediate Dance**
Grades 10-12 / 1 Semester – .5 Physical Education credit *Prerequisite*: Beginning Dance or audition
**#0938 Intermediate Dance**
Grades 9-12 / 1 Semester—1.0 Fine Arts credit
*Prerequisite*: Beginning Dance or audition

Intermediate Dance is designed for the student who is interested in furthering their dance knowledge and technique. Students will continue to learn more complex dance sequences and focus on technical practices in various dance styles and forms including Modern, Ballet and Jazz. Higher expectations and continued understanding of correct execution of material are stressed. In addition to processing and applying learned material covered in Beginning Dance, students will be asked to focus on proper alignment and posture, build physical endurance and flexibility and continue to develop their own movement clarity and artistic artistry. Performance opportunities available.

*Rational:* Intermediate dance is a repeatable course for students that have completed Beginning Dance or have been accepted by audition to the intermediate level. Students will further their study of a variety of dance styles through daily instruction and participation.

**#0942 Advanced Dance**
Grades 10-12 /1 Semester - .5 Physical Education credit
*Prerequisite*: Audition
**#0939 Advanced Dance**
Grades 9-12 / 1 Semester—1.0 Fine Arts credit
*Prerequisite*: Audition

Advanced Dance integrates all information and concepts learned through Beginning and Intermediate Dance. Through an audition process, students demonstrating a high level of skill in Modern, Ballet and Jazz will be admitted into the class where they will focus on the more detailed aspects of these techniques at an accelerated pace.

Course expectations will also include building complex coordination skills, proper alignment, efficient and precise movement pick-up, musicality and engaging in self-directed learning. Students in Advanced Dance present one to two public performances.

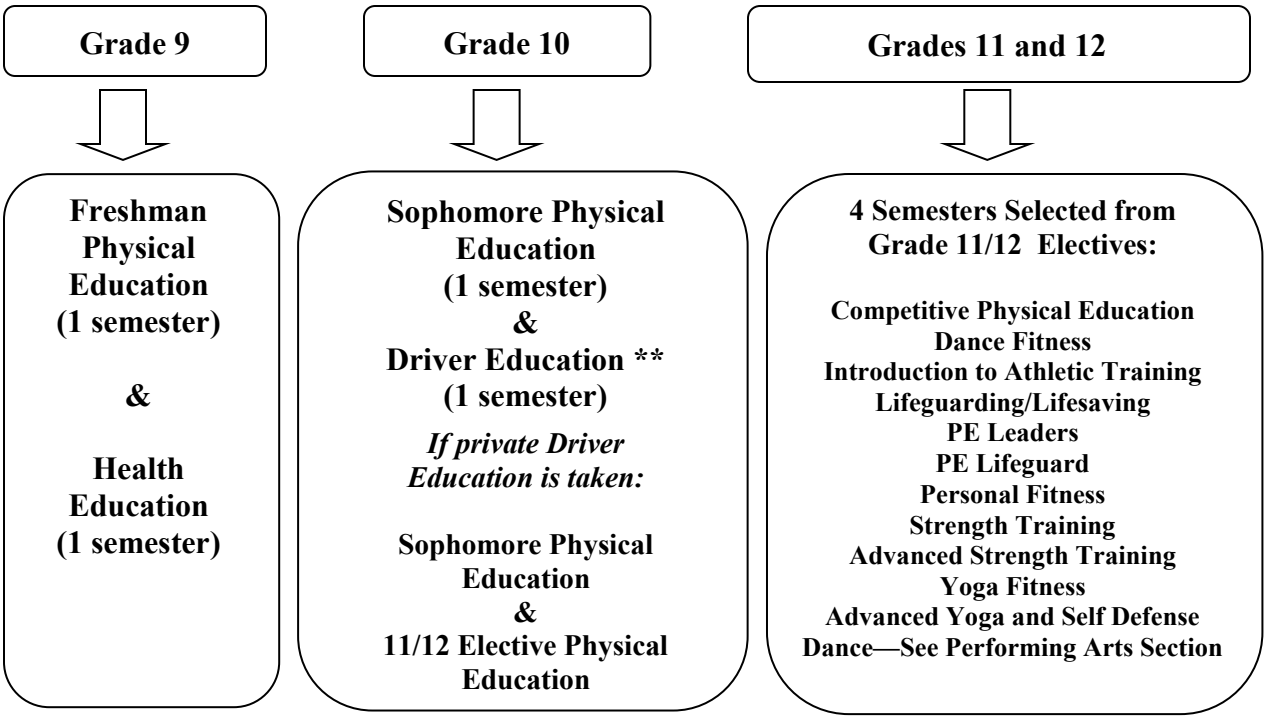
*Rationale*: Advanced Dance is a repeatable class offered to students that are ready to study the highest levels of dance and have been accepted to the class by audition. Students will further their study of a variety of dance styles through daily instruction and participation.

# Physical Education, Health, and Driver Education Course Overview

York's PE/Health/Driver's Education Department believes that daily physical education can be one of the most meaningful parts of a student's day. Our physical education program is designed to help students make healthy choices and provide them lifelong skills such as teamwork and cooperation. Our staff works to graduate students from York with a strong knowledge about how to maintain a healthy lifestyle and with a desire to be physically active.

There is a growing body of evidence that physical activity is associated with improved academic performance. Research shows:

- Physically active and fit students demonstrate better grades and higher academic achievement.
- Physical activity and daily physical education improve academic achievement by enhancing concentration and by helping students be more attentive.
- Aerobic activity not only increases blood flow to the brain but also improves learning, memory and reasoning skills.




***Driver Education may be available to some Freshman semester 2 based upon availability, age, and student birthdates. If selected, students would take Health Sophomore year.***

***Beginning Dance, Intermediate Dance, Urban Dance, and Advanced Dance*** can be taken to fulfill a JR/SR physical education elective requirement. For course descriptions please refer to the *Performing Arts Course Offerings Section*

### General Information:

- A medical note issued by a doctor (MD, DO, PA, DPM, DDS, FNP) on the ***York PE Medical Limitation form*** is required to be excused from PE classes. If a student has physical limitations, he/she will be scheduled into a modified physical education class or will have his/her regular physical education class modified. If the medical note waives activity for more than two weeks, a student will be placed in a study hall for the duration of the medical release. ***A student with a medical release from physical education will not be eligible to participate in any physical activity for York including athletics and other physical interscholastic activities until receiving a doctor's clearance.***
- Freshmen, sophomores, juniors and seniors are required to be enrolled in physical education each semester, excluding one semester of Health and one semester of Driver Education.
- Zero Hour physical education is a semester long course.
- Students enrolled in the following course may ***NOT*** waive out of PE during their athletic season: Intro to Athletic Training, Lifesaving/WSI Certification and Lap Swim, PE Lifeguard, PE Leaders, Beginning Dance, Intermediate Dance, Urban Dance, and Advanced Dance.
- Students must have a proper York PE uniform which includes a York PE shirt, shorts, and heart rate strap sold in the Bookstore along with athletic shoes. If students desire to wear "sweats" for outdoor activities, these items must be either green, white, black or gray. All apparel must be marked with the student's first initial and last name using permanent marker.

### Swimming:

All freshman and sophomore physical education classes have a quarter long aquatics unit. If there is a medical reason a student cannot participate, a medical doctor's note must be on file in the Health Office ***prior*** to the start of the semester. A new note is required at the beginning of each year. A freshman or sophomore student with an aquatics medical note will be placed in an alternative physical education class with a block of activities which do not contain aquatics for the duration of the quarter.

# Course Descriptions

**#0962/Freshman Physical Education**
Grade 9 / 1 Semester—.5 credit

Students in this course will establish a foundation in a variety of physical education activities and learn the components of fitness, both health and skill related. Units of study include fitness testing, aquatics, badminton, and volleyball.

**#0963/Health**
Grade 9 / 1 Semester—1 credit

This course is designed to promote awareness of physical, mental/emotional and social developmental needs for optimal health. Units of study may include Mental Health and Wellness, Nutrition and Fitness, Substances, Human Growth and Development, and CPR/First Aid. Students in this class will have the opportunity to obtain an American Red Cross CPR/First Aid Certification.

**#3968 Instructional Health**
Grade 9—12/ 1 Semester— 1credit
*Prerequisite:* IEP Recommendation

This course is designed to meet the students' educational needs and IEP goals while promoting awareness of physical, mental/emotional and social developmental needs for optimal health. Units of study may include Mental Health and Wellness, Nutrition and Fitness, Substances, Human Growth and Development, and CPR/First Aid.

**#0957/#0954/Sophomore Physical Education**
Grade10 / 1 Semester—.5 credit
*Prerequisite:* Sophomore Standing

Students in this course will further their foundational skills in a variety of physical education activities and will continue to learn and apply the health and skill related components of fitness. Units of study may include fitness testing, aquatics, Tcuoukball, badminton, floor hockey, and basketball.

**#0956/Driver Education**
Grade 9 or 10 / 1 Semester—.5 credit
*Prerequisite:* Successful completion of 8 courses over previous 2 semesters and students must be 15 at the start of class

*****Grade 9 based upon availability and birth date. Any student selected to take Driver Education during their freshman year agrees to take Health during sophomore year.***

Driver Education is a two-phase program that fulfills the state requirement for obtaining a driver's license prior to a student's 18th birthday.

Phase one is the successful completion of the minimum 30 hour state requirement for classroom instruction. The classroom phase emphasizes good driving practices and safety precautions.

Phase two of Driver Education consists of the supervised road practice in which the student is behind the wheel of a dual controlled car. Successful completion of this phase will meet the minimum six hour drive and six hour observation state requirement.

Additional important information:
There is a $245.00 charge for the behind the wheel phase of the course in addition to a $20 Secretary of State permit fee. All students must be 15 years of age at the start of class to be enrolled.

## Grade 11/12 PE Electives

**#192P/#292P Competitive Physical Education**
Grades 11, 12 / 1 semester—.5 credit
*Prerequisite:* PE 9 and PE 10
*Repeatable class*

Competitive Physical Education is a course designed for both males and females that focuses on team sports, individual sports and lifetime fitness. Students will be engaged in high energy athletic activities and competitions. Students are expected to compete on a daily basis in seasonal team and individual sports which may include flag football, soccer, basketball, floor hockey, softball, ultimate frisbee and badminton. Students should be familiar with the rules of the games and should have mastered fundamental skills and strategies of the above sports. Students will also be engaged in fitness activities and testing assessments to improve their health and skill-related components of fitness.

**#192D/#292D Dance Fitness**
Grades 11, 12 / 1 Semester — .5 credit
*Prerequisite:* PE 9 and PE 10
*Repeatable class*

Dance Fitness gives students the opportunity to participate in group fitness exercise workouts that will improve personal fitness levels in flexibility, muscular fitness and cardiovascular endurance. Workouts will include activities such as Zumba, Pilates, Cardio Kickboxing, Piloxing, Cardio Funk, Step Aerobics, Balletone, Cardio Hip–Hop, High-Low, Spinning, Bosu Training and more. Throughout the semester students will learn and practice a variety of choreographed activities. Students will also be provided the opportunity to create and execute their own choreography, either as a solo or in a small group, depending on their preference. No group fitness experience required.

**#192A/#292A Introduction to Athletic Training**
Grades 11, 12 / 1 Semester — .5 credit
*Prerequisite:* PE 9, PE 10 and Health
*Non-repeatable class*
*Athletes May Not Waive Out*

This course provides a classroom-based alternative to a traditional physical education class. Students will have an opportunity to learn medical terminology, basic anatomy, physiology, kinesiology and prevention/treatment techniques relative to athletic injuries. Students contemplating medical or paramedical careers gain background in medical concepts. The course is comprised of both classroom and practical activities offering hands on knowledge and skills for today's recreational athlete.

**#193Z/#293Z Lifesaving/WSI Certification and Lap Swim**
Grades 11, 12 / 1 Semester—.5 credit
*Prerequisite:* PE 9, PE10 and Pre-Swim Test
*Athletes May Not Waive Out*

The Lifesaving/WSI Certification and Lap Swim class will prepare students for emergency situations in an

aquatics setting along with allowing students to teach fundamental aquatic skills. Students will have the choice to obtain Lifeguarding and/or WSI American Red Cross Certification along with their CPR, AED, and First Aid Certification. WSI certification trains students to teach water safety, including the Basic Water Rescue and Personal Water Safety courses, six levels of Learn-to-Swim, three levels of Preschool Aquatics and two levels of Parent and Child Aquatics. Lifeguard certification trains students to become a lifeguard while developing their rescue and surveillance skills. Students have the choice to obtain both certifications (Lifeguard and WSI) or to obtain just one of the certifications based on their interests or needs. One Certification will be paid for by the school during a student's 4 years; additional certifications will cost $35.00.

Lap swim will be available for students who choose to do daily aerobic swim workouts to increase their swim abilities and stroke development to obtain their PE credit. Students must be able to swim 100 yards to enroll in this segment of the class. This option is also available to students who are unable to complete the prerequisites for Lifeguarding and WSI or who do not wish to obtain both WSI/Lifeguard certifications.

Students who wish to renew their previous American Red Cross Lifeguard and/or WSI certification may also enroll in this course.

*Prerequisite:* All students must be able to pass the lifeguarding swim test or swim 100 yards continuously.

| | | |
|---|---|---|
| *Zero Hour Sections | Fall | #1930Z |
| | Spring | #2930Z |

**#1957/#2957 PE Lifeguard**
Grades 10, 11, 12 / 1 semester—.5 credit
*Repeatable class*
*Athletes May Not Waive Out*

This class is designed for students who already hold American Red Cross Lifeguarding certification. Students in this class will be lifeguards in the Aquatic Center during freshman and sophomore physical education units.

**#1943/#2943 Personal Fitness**
Grades 11,12 / 1 Semester—.5 credit
*Prerequisite:* PE 9 and PE 10
*Repeatable class*

This semester-long course is for both male and female students who desire a self-directed personal fitness program that focuses on the five components of fitness. A strong emphasis is placed on cardiovascular endurance, flexibility, and muscular fitness. Students in this class will train with a variety of equipment which may include spin bikes, cardio equipment, fitness center weights, resistance bands, bosu balls aerobic balls, and yoga mats. One day a week will be a game day.

**#195W/#295W Strength Training**
Grades 11, 12 / 1 Semester—.5 credit
Prerequisite: PE 9 and PE 10
*Repeatable class*

Strength Training is a semester commitment. Students who sign up for this class learn about physiological adaptations to strength training. Students are able to apply sound resistance training principles to a personalized workout plan that aligns with their health and skill related fitness goals. Personal assessments, fitness testing goal setting, and program design will allow students to monitor their progress. The instructor for all students, along with the individual program design, will plan specific exercise plans. Students will keep a daily-log for workouts, goals, and assessments.

**#196W/#296W Advanced Strength Training**
Grades 11, 12 / 1 Semester—.5 Credit
*Prerequisite:* PE 9 and PE 10
*Repeatable class*

This class focuses on strengthening major muscle groups along with developing speed, and agility. Advanced strength training will provide students the opportunity to focus on the three lifting phases: (1) preseason strength training, (2) in-season maintenance and injury prevention, and (3) postseason recovery/ strength training. This course will allows students to have a personalized workout that fits their individualized athletic/fitness goal and needs. Advanced strength training is designed for the junior and/or senior who plans to participate in one or more sports or for individuals who are recommended by their previous PE Instructor.

**#192Y/#292Y Yoga Fitness**
Grades 11, 12 /1 Semester— .5 credit
*Repeatable class*

Yoga Fitness is made up of a series of postures and sequences. These postures will not only strengthen and stretch muscles but will also improve balance and focus. The improvement of these qualities will not only benefit students on the mat but in other aspects of their lives. Students will find that over time yoga practice will not only develop a stronger body, deeper breathing, and decrease risk of injuries in sports, but it will also increase concentration, assist in focusing on tests and homework and relieve stress.

**#193Y/#293Y Advanced Yoga and Self Defense**
Grades 11, 12 / 1 Semester—.05 Credit
*Prerequisite:* Yoga Fitness (1 semester)
*Repeatable class*

Advanced Yoga and Self Defense is designed around the five components of fitness and focuses on overall personal wellness for life. The first nine weeks of the course will provide students with the opportunity to learn, appreciate, and apply advanced Yoga techniques. Class will focus on a more advanced approach to yoga postures, yoga theory and vinyasas. Following a higher level of intensity in yoga practice, the second nine weeks of the course, students will learn self defense, awareness, and safety tactic skills and lifetime wellness planning. Advance Yoga and Self Defense is designed for students who have taken and completed one semester of Yoga Fitness and are ready to take their practice to the next level.

**#4947 Physical Education**
Grades 9-12 / Full Year Course —1 credit or Semester Course—0.5 credit; repeatable
*Prerequisite:* IEP recommendation

This course is designed to provide selected students with fitness-based activities that introduce them to a wide variety of physical education activities including participation in team, individual and leisure-time sports. Because being involved in daily physical education provides students with a greater knowledge and attitude about their bodies, the goal of this course is for students to further achieve attitudes regarding healthful living and acquire skills in physical fitness, coordination and leisure.

**#195A/#295A Physical Education**
Grades 9– 12 / 1 Semester or Full Course Year—.05 or 1 credit; repeatable
*Prerequisite:* IEP Recommendation

Students taking PE will be involved in a variety of fitness-based activities. Students will be assigned to varying sections of PE according to their needs. Students also have the opportunity to work with peers to increase team building skills and communication.

**#195L/#295L PE Leaders**
Grades 11, 12 / 1 Semester—.05 Credit
*Prerequisite:* Students must complete the application process: Course application and interview with course teacher (s) and/or PE department chair
*Athletes may not waiver out*

Students who are involved in PE leaders class are engaged socially, physically and cognitively with adaptive physical education students. PE leaders are assigned a peer buddy/buddies and will operate on a rotating schedule to work with all of the adaptive physical education students throughout the semester. This course is designed to help assist students in overcoming physical encounters either through rehabilitation or exposure to multiple appropriate activities. In addition, this course promotes and develops overall physical fitness and fine/gross motor skills through flexibility, strength development, aerobic activity and learning relaxation techniques.

# Science

The mission of the York High School Science Department is to inspire minds to inquire, think critically, and make informed decisions allowing students to have a positive impact on society.

Prior to graduation, students take at least one course in the life sciences and one course in the physical sciences. All physics and chemistry courses count as physical sciences. All other courses count as life sciences. Starting with the class of 2018, York High School requires all students to take three years of science for graduation. Please note: colleges may recommend three or four years, depending on the student's chosen field of study. The Science Department offers a variety of science electives that allow students to explore their areas of interest.

## Course Descriptions

**#0220 Biology Honors**
Grades 9-10 / Full Year High-Weighted Life Science Course - 2.0 credits
*Prerequisite*: Determined by placement rubric
NCAA approved course

In this comprehensive lab-oriented course students study living things from a cellular/biochemical perspective. It emphasizes investigative and critical thinking skills, as well as extensive independent work and reading. Students must be self-motivated, academically responsible, and able to devote considerable time to the daily preparation of this fast-paced class. Animal dissection may be integrated into the laboratory component. This is the first life science course in the college preparation of the student who has demonstrated high aptitude and skills in science, math, reading, and writing.

**#0230 / 023L Biology**
Grades 9-10 / Full Year Life Science Course - 2.0 credits
*Grade 9 Prerequisite*: Determined by placement rubric
*Grade 10 Prerequisite*: Placement by the Science Dept.
NCAA approved course

Biology is the study of living things. In this lab-based course students examine the concepts of cells, heredity, evolution, the interdependence of organisms, organization within and among living things and the behavior of organisms. Students develop an understanding of what can be observed in the natural world and through scientific experimentation. Animal dissection may be integrated into the laboratory component. This course is part of the general sequence that prepares students for college.

**#0305 Bilingual Biology**
Full Year Physical Science Course - 2.0 credits
*Prerequisite*: Placement by recommendation
NCAA approved course

Biology is the study of living things. In this lab-based course students examine the concepts of cells, heredity, evolution, the interdependence of organisms, organization within and among living things and the behavior of organisms. Students develop an understanding of what can be observed in the natural world and through scientific experimentation. Animal dissection may be integrated into the laboratory component. This course is part of the general sequence that prepares students for college. Instruction and course materials will be provided in Spanish. This course is designed for freshmen whose home language is Spanish. The Next Generation Science Standards (NGSS) will be used to guide the development of the course and objectives.

**#3234 Applications in Biology**
Grades 9-12 / Full Year Life Science Course - 2.0 credits
*Prerequisite*: IEP recommendation

This course will provide students with a variety of topics related to the study of living things. Students will learn about cells, genetics, plants, animals, the human body, and ecology. Through laboratory experiments, students will learn concepts of biology while collecting and displaying data. Animal dissection may be integrated into the laboratory component of this course. This can be a first or second high school science course to satisfy the graduation requirement.

**#0250 Chemistry Honors**
Grade 10 / Full Year High-Weighted Physical Science Course - 2.0 credits
*Science Prerequisite*: Biology Honors with a grade of at least B or Biology with a grade of an A and recommendation from the teacher.
*Math Prerequisite*: Geometry at the 8th grade level, or concurrent enrollment in Algebra 2 with Modeling.
NCAA approved course

Chemistry is the study of substances that make up our world, changes in these substances and the energy needed to bring about these changes. This course gives a broad overview in which students analyze reactions in natural and man-made energy systems, the properties of materials in relation to their structures and the atomic and nuclear structure of matter. The theoretical and experimental nature of science is emphasized through research in printed material and in the laboratory. This course in the physical sciences is part of the college preparation of the student who has demonstrated high aptitude and skills in science, math, reading, and writing.

**#0251 / 025L Chemistry**
Grades 10-11 / Full Year Physical Science Course - 2.0 credits
*Science Prerequisite*: Biology with grade of at least C
*Math Prerequisite*: Algebra A with a grade of at least B, Algebra AB with grade of at least C, or Geometry
NCAA approved course

In this course, students examine the structure of matter, the changes it undergoes, and the energy changes that accompany the changes in matter. Connections are made between what can be observed at the macroscopic level in the real world, what happens with particles at the atomic and molecular level, and how to model and represent concepts through formulas, calculations, and structural drawings. Students will learn chemical concepts through a variety of real-world contexts. This course in the physical sciences is the second step of the general sequence that prepares for college.

**#3251 Applications in Chemistry**
Grades 9-12 / Full Year Course - 2.0 credits
*Prerequisite*: IEP recommendation

Connections are made between what can be observed in the world around us, and how that relates to the world of atoms and molecules which we can't see. Students examine the structure of matter, how it changes, and how these changes affect energy. Hands-on experiments and demonstrations are used frequently while the use of symbols and formulas is deemphasized. This can be a first or second high school science course and satisfies the graduation requirement for a physical science course.

**#0270 Physics Honors**
Grades 11-12 / Full Year High-Weighted Physical Science Course - 2.0 credits
*Science Prerequisite*: Honors Chemistry, with a grade of at least B or Chemistry with a grade of an A and recommendation from the teacher.
*Math Prerequisite*: Concurrent enrollment in honors-level Advanced Algebra Trig course.
NCAA approved course

In this laboratory-based course, students learn the basic motions of the universe and the equations that describe them. Topics include Newtonian physics, thermal physics and fluid dynamics, waves and optics, electricity and magnetism, and atomic and nuclear physics. Students learn to assess experimental errors and uncertainties as they interpret the results of experiments. This course is part of the college preparation of the student who has demonstrated high aptitude and skills in science, math, reading and writing.

**#0274 Physics**
Grades 11-12 / Full Year Physical Science Course - 2.0 credits
*Science Prerequisite*: Chemistry
*Math Prerequisite*: Geometry, with strong grades in both algebra and geometry
NCAA approved course

In this laboratory-based course, students learn about motion, momentum, energy, gravity, rotational dynamics, waves, sound, light, electricity, magnetism, and nuclear physics. This physics course is part of the general sequence that prepares students for college.

**#0515 Principles of Physics Technology**
Grades 11-12 / Full Year Lab Course—2.0 HS credits (Student may elect to receive either a science or practical arts credit)
**Dual Credit with College of DuPage**
**(Electronics 1110 - 2 Semester Hours)**
*Science Prerequisite*: None
NCAA approved course

This course focuses on the teaching of traditional physics concepts in the context of their relationship to industry and the four energy systems: mechanical, fluid, electrical and thermal. This course allows the student to apply physics concepts and principles to workplace situations with hands–on labs. This course also teaches the mathematical and scientific principles behind the technology we use everyday. This course will be beneficial for the student who is interested in the STEM applications of technology and physics to everyday situations related to technical fields

**# 0267 Forensic Science**
Grades: 9-12/ 1 Semester—1.0 Credit
Prerequisite: None
NCAA approved course

Forensic science is the application of science principles and methodologies to criminal or civil law. In this course students will learn basic evidence collection techniques and practice them in the laboratory and field. Students will apply introductory concepts from biology, chemistry, and physics to the identification and analysis of evidence. Students will study biological concepts in the context of fingerprints, hair, blood, and DNA. They will study chemistry and physics concepts in the context of fibers, powders, plastics, metals, and blood spatter. This course fulfills a semester of the graduation requirement for science. It will serve as either an introduction to high school science concepts or an opportunity for students to apply previously learned

knowledge.
Please note: this course does not fulfill the biology or chemistry graduation requirement.

**#0238 Environmental Science**
Grades 11-12 / Full Year Life Science Course - 2.0 credits
*Prerequisite*: Chemistry or Key Ideas in Chemistry
NCAA approved course

This course explores the dynamics of the natural world and the role of plants in maintaining an ecological balance. Students will have the opportunity to learn more about environmental problems, both natural and human-made and alternative solutions for resolving and/or preventing them. This course touches on the fields of geology, ecology, evolution, structure and function of plants, as well as plants' and organisms' roles in the environment. Scientific inquiry is emphasized as students learn through laboratory, projects, and individual and group assignments. This course provides an additional life sciences course with a specific emphasis on plants and the environment.

**#3205 Applications in Environmental Science**
Grades 11-12 / Full Year Science Course - 2.0 credits
*Prerequisite*: Completion of a biology and chemistry course; IEP recommendation

In this course, students will focus on the understanding of our natural and manmade environments. Students will have the opportunity to learn about environmental problems and the effects of natural and unnatural process on our planet. This class will include hands on, problem based learning. This course follows Applications in Biology and Applications in Chemistry for students who continue on in Special Education coursework. It satisfies the third year of science needed for graduation.

**#0240 Animal Behavior**
Grades 11-12/Full Year Life Science Course - 2.0 credits
*Prerequisite:* Chemistry or Key Ideas in Chemistry

This course concentrates on how animals behave, why animals behave the way they do, and how scientists design experiments to study their behavior. Students will learn about the biology behind behavior, animal communication, feeding behavior, mating, predator-prey relationships, aggression, territorial behavior, social behavior and parental care. For the lab portion of this course, live animal labs, video and out -of-classroom activities will be utilized to supplement lecture and textbook notes. This course provides an additional life science course that focuses on animals and their behavior.

**#0887 Chemistry of Food**
Grades 11-12 / Full Year Physical Science Course - 2.0 credits (Students may elect to receive either a Science or Family and Consumer Science credit)
*Prerequisite*: Chemistry
NCAA approved course

In this course, students investigate the chemical components and physical properties of foods. This course involves laboratory experiences in both Science and Family and Consumer Sciences and is led by teachers from both departments. Students gain an understanding of food science as well as an awareness of health, nutrition and culinary science principles. Scientific processes are utilized as students explore the physical and chemical properties of food and science cooking applications. This course is appropriate for students who have successfully completed chemistry and are interested in a hands-on application of scientific principles to the study of cooking and nutrition.

**#0290 Anatomy and Physiology for Sports**
Grade 11-12 /Full Year Life Science Course - 2.0 credits
*Prerequisite*: Biology

This course relates science to athletics, covering key concepts in anatomy, physiology, kinesiology and physical therapy. It incorporates class work, laboratory investigations and practical hands-on application in the prevention, treatment and rehabilitation of sports injuries. Animal dissections may be included in the laboratory component. Throughout the course, students engage in field experiences. This rigorous course provides an additional life sciences course with a focus on athletic applications. Although an interest in athletics is helpful, participation in intramurals or athletic teams is not a prerequisite.

**#0222 Microbiology**
Grades 11-12 / Full Year Life Science Course - 2.0 credits
*Prerequisite*: Chemistry or Honors Chemistry
NCAA approved course

This course examines the role of microorganisms (viruses, protists, and bacteria) in the world around us. Microorganisms are responsible for a healthy immune system but can also cause disease. This course investigates how science can be used to prevent disease (vaccinations, antibiotics, and food safety) and enable students to apply their knowledge to solve real-world problems. Independent learning, critical thinking, and scientific reasoning are developed through this course. This rigorous course provides an additional life sciences opportunity for students who wish to continue their study of biology and health professions.

**#0226 Genetics, Biotechnology and Bioethics**
Grades 11-12 /Full Year Life Science Course - 2.0 credits
*Prerequisite*: A chemistry course with a grade of at least B
NCAA approved course

Topics include molecular genetics, biotechnology, Mendelian genetics, and bioethics. Students perform labs such as

extracting DNA, manipulating genes in an organism to produce a result such as bacteria that glows, and mating fruit flies to study inheritance. Another aspect of the course is the exploration of bioethical issues such as cloning, stem cell research, DNA Profiling, genetically modified crops, genetics of behavior, and patenting genes.

*Rationale*: This challenging and rigorous course provides an additional life sciences course with a specific emphasis on the study of genetics.

**#4284 Anatomy and Physiology**
Grade 12 / 1 Semester Life Science Course (2 class periods) - 2.0 credits
*Prerequisite*: Chemistry (Students are selected by application and interview)
NCAA approved course

This course has three major components. Human anatomy identifies individual parts of the body and relates them to the whole. Physiology provides an understanding of the functions of the parts of the body. Pathology relates a specific disorder to the abnormal functioning of the whole organism. Interwoven into each unit is discussion about the medical field. Dissection laboratory activities are included in this course. The class meets two periods per day to allow a full year's work to be covered in a single semester. **Immunization verification including a flu shot and TB testing are required.**

*Rationale*: This course is a prerequisite for Medical Careers and is open only to students planning to take both courses. Early graduates will not be considered for admission to the program.

**#4285 Medical Careers**
Grade 12 / 1 Semester Life Science Course (2 class periods) - 2.0 credits
*Prerequisite*: Anatomy and Physiology, with a grade of at least C

This class meets for two periods each day. Four days per week, class is held at Elmhurst Memorial Hospital or another off-site location, such as DeVries Animal Hospital, Elmhurst Dental Care, etc. Students shadow professionals in several different areas. They work with medical personnel in activities such as caring for patients, taking vital signs and keeping records. They also observe other procedures. Class meets one day per week at York, allowing students to share experiences, work on case studies and research current health care topics. **Immunization verification including a flu shot and TB testing are required**. School transportation will not be provided.

*Rationale*: This course gives students experience with careers in the medical field which can help them in choosing a future profession.

**#0281 AP Biology**
Grades 11-12/ Full Year High-Weighted Life Science Course - 2.0 credits
*Prerequisite*: Honors Chemistry, with grades of at least B
NCAA approved course

This course is designed to be the equivalent of a typical college introductory biology course. The course uses a college-level textbook and laboratory program. The curriculum framework is centered on four big ideas: evolution, energy, information, and interactions. Dissection laboratory activities are included. In order to have extended laboratory time, class meets outside of the school day an average of three days per week.

*Rationale*: This college-level course will qualify the student to take the Advanced Placement Biology exam, which may provide college credit in biology.

**#0282 AP Chemistry**
Grades 11-12/ Full Year High-Weighted Physical Science Course - 2.0 credits
*Science prerequisite*: Honors Chemistry, with grades of at least B
*Math prerequisite*: Honors-level Adv. Algebra Trig
NCAA approved course

This course is designed to be the equivalent of the general chemistry course usually taken during the first college year. It is a rigorous math-based course with a strong laboratory component, and is recommended for strong science students who plan a college major in science, engineering or medicine. Topics of study include structure of matter, states of matter, chemical reactions, descriptive chemistry and chemical calculations. Class meets an additional half period on two days each week.

*Rationale*: This college-level course will qualify the student to take the Advanced Placement Chemistry exam, which may provide college credit in chemistry.

**#0239 AP Environmental Science**
Grades 11-12 / Full Year High-Weighted Biological Science Course - 2.0 credits
*Science Prerequisite*: Biology, Chemistry
*Math Prerequisite*: Concurrent enrollment in Advanced Algebra with Trig course.
NCAA approved course

This course is designed to be the equivalent of a one-

semester college environmental science course. Students identify and analyze environmental problems, both natural and human-made, the risks associated with these problems, and alternative solutions for resolving and/or preventing them. This course is interdisciplinary and touches on the fields of ecology, chemistry, biology, and geology, along with history, sociology, and economics. In order to have extended laboratory time, class meets an extra half period two days per week. This college-level course will qualify the student to take the Advanced Placement Environmental Science exam, which may provide one semester of college credit.

**#0278 AP Physics 1&2**
Grades 11-12/ Full Year High-Weighted Physical Science Course - 2.0 credits
*Science prerequisite*: Honors Chemistry, with grades of at least B
*Math prerequisite*: Honors-level Adv. Algebra Trig
NCAA approved course

AP Physics 1&2 are equivalent to a two-semester college physics course, such as those required for a liberal arts degree. The major goals of the course are for the student to understand the basic principles of physics and apply those principles to the solution of problems. The broad range of topics that are covered include mechanics, thermodynamics and heat, electricity and magnetism, waves and optics and modern physics. Class meets an additional half period on two days each week. This college-level course will qualify the student to take the new Advanced Placement Physics 1 and Physics 2 exams, which may provide college credit.

**#0279 AP Physics C**
Grade 12/ Full Year High-Weighted Physical Science Course - 2.0 credits
*Science prerequisite*: Honors Physics or AP Physics 1&2
*Math prerequisite*: AP Calculus AB or AP Calculus BC, or concurrent enrollment.
NCAA approved course

AP Physics C is equivalent to the first year college course taken by chemistry, physics and engineering majors, and uses introductory differential and integral calculus throughout. The mechanics portion of the course covers topics in kinematics, Newton's laws of motion, systems of particles and linear momentum, circular motion and rotation, and oscillations and gravitation. Work, energy, and power are also included. The electricity and magnetism portion covers electrostatics; electric circuits, magnetic fields, as well as conductors, capacitors, and dielectrics. This college-level course will qualify the student to take the Advanced Placement Physics C exam, which may provide college credit for students who plan to major in engineering or the physical sciences.

**#0194 AP Seminar**
Grades 10-12/ Full Year—2.0 credits
1.0 credit Social Studies elective/ 1.0 for Science Elective credit
*Science prerequisite*: None
*Math prerequisite*: None
NCAA approved course

AP Seminar is the first course in the AP Capstone Diploma sequence. This course engages students in cross-curricular conversations between Social Studies, the Humanities, and Science. You will explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. During the course, you will complete a team project, an individual paper and presentation, and take a written end-of-the-course exam. Your AP Seminar Exam score will be based on all three assessments. This course is the first in a recommended two-series AP Capstone program (AP Seminar followed by AP Research– see the English Section for a course description of AP Research). AP Seminar will give students the tools to obtain and evaluate information using a multidisciplinary lens (science and social studies) in order to communicate evidence-based arguments. College-bound students and students looking to improve reading, writing and research skills would benefit from this course. This course fulfills a Social Studies elective AND a Science elective credit for graduation.

# Social Sciences

## Course Descriptions

### CORE COURSES

**#0120 World Studies**
Grade 9 / Full Year Course – 2.0 credits
NCAA approved course

World Studies is a foundational social studies course that introduces students to their world through the blend of a historical approach and a look at 21st century global issues that impact the international community. The course is framed primarily around the history of western civilization, yet addresses the historical and cultural relevance of other regions of the world. In addition, the course offers students the opportunity to examine modern-day global challenges that are thematically linked to the historical content they have learned. Development of reading, writing, speaking, listening, and critical thinking skills, in the context of the social studies, will be emphasized.

*Rationale*: World Studies is a required course for graduation and provides a foundation for subsequent required social studies courses in terms of content and skill development. It is the course in the social studies sequence that provides the most robust global perspective and begins developing in students a sense of global citizenship.

**#3105 World Studies**
Grades 9-10 / Full Year Course -2.0 credits
*Prerequisite:* IEP recommendation

This course will reinforce textbook reading, maps and graph interpretation skills. The course content will focus upon physical and cultural geography, along with topics of history regarding various regions around the world. One major project per semester is required. *This course fulfills the World Studies graduation requirement.*

**4120 Social Studies**
Grades 9-12 / Full Year Course— 2 credits
*Prerequisite:* IEP recommendation

This course will provide students the opportunity to explore the relationship between the physical environment and human culture. Students will study the values and attitudes of other people/societies and will learn how they affect our lives. Students will explore global problems and possible solutions that will affect the future of life on our planet. Geography and history will be referenced throughout the year that compliments the presented lessons. This course will meet the World Studies requirement for graduation.

**#0027 Academic Literacy 9**
Grade 9-10 / Full Year Course - 2.0 credits
*Prerequisite: Students are recommended for Academic Literacy through the ninth grade English placement process or teacher recommendation.*

Academic Literacy 9 is a course designed to accelerate a student's growth as a reader with specific attention to his or her comprehension, fluency, multi-syllabic word reading, and vocabulary. Students receive direct instruction in key reading strategies including previewing, predicting, and identifying an author's purpose, inferences, questioning, connecting and summarizing. In addition to these strategies, students also learn both content vocabulary and vocabulary strategies, as well as receive fluency instruction. The Academic Literacy teachers work in conjunction with the English 9 and World Studies instructors in order to pre-teach or re-teach skills that are being addressed in the content area classes.

**#0171 American Government**
Grade 10 / 1 Semester – 1.0 credit
NCAA approved course

American Government is the second course in the social studies core course sequence. It provides a blend of political science, government and civic curricular goals. In practical ways, students learn about the constitutional structure and behavioral trends in the American political system. Areas of study include political ideology, the electoral process, policymaking, constitutional interpretation and the analysis of current events. A special focus is placed on fostering an individual sense of civic duty and pride. In addition, this course emphasizes the frequent use of higher order thinking skills in its examination of the American system of government and strives to cultivate in students a nuanced, analytical mindset. Development of reading, writing, speaking, listening and research skills, in the context of the social studies, will be emphasized. *Successful completion of this course fulfills the state mandated U.S. and Illinois Constitution tests.*

*Rationale:* American Government is a required course for graduation that provides a bridge between World Studies and United States History. In conjunction with these other two courses, it provides a solid foundation for York students to be engaged, informed and judicious citizens.

**#3166 American Government**
Grade 10 / 1 Semester - 1.0 credit
*Prerequisite:* IEP recommendation

This course is designed for students to develop an understanding of the American government legal systems. Stu dents will study both the Illinois state and the federal systems of government. *This course fulfills the American Government graduation requirement.*

**#4177 American Government**
Grades 9-12 / Full Year Course—2 credits
*Prerequisite:* IEP recommendation

This course is designed for students to develop an understanding of the American government legal systems. Stu dents will study both the Illinois state and the federal systems of government. *This course fulfills the American Government graduation requirement.*

**#0168 AP United States Government and Politics**
Grades 10-12 / 1 Semester High Weighted Course – 1.0 credit
*Prerequisite*: A/B average in all previous high school work or social studies teacher recommendation
NCAA approved course
This course is designed to provide students with an extensive understanding of the foundations and concepts that encompass the American political system. AP United States Government and Politics is designed to be the high school equivalent of a college-level general government course, thus preparing students for success on the AP Exam. Major topics studied in the course are the constitutional underpinnings of government, political beliefs and behaviors, political parties and interest groups, institutions and policy processes of national government, and civil rights and civil liberties. Political theory and philosophy, as well as the structure of government, will be examined through contemporary issues on a national level. *This course fulfills the American Government graduation requirement as well as the state mandated U.S. and Illinois Constitution tests.*

*Rationale*: College–bound students interested in majoring in political science, law, law enforcement or philosophy would benefit from taking this course. Performance on the AP Exam will provide many students with the opportunity to receive college credit and/or appropriate college course placement.

**#0015 Academic Literacy 10**
Grade 9-10 / Full Year Course - 2.0 credits
*Prerequisite: Students are recommended for Academic Literacy through the ninth grade English placement process or teacher recommendation.*

Academic Literacy 10 is a course designed to accelerate a student's growth as a reader with specific attention to his or her comprehension, fluency, multi-syllabic word reading, and vocabulary. Students receive direct instruction in key reading strategies including previewing, predicting, and identifying an author's purpose, inferences, questioning, connecting and summarizing. In addition to these strategies, students also learn both content vocabulary and vocabulary strategies, as well as receive fluency instruction. The Academic Literacy teachers work in conjunction with the English 10 and American Government instructors in order to pre-teach or re-teach skills that are being addressed in the content area classes.

**#0151 United States History**
Grade 11 / Full Year Course – 2.0 credits
NCAA approved course

United States History is the culminating course in the social studies core course sequence. It offers students a thought-provoking survey of the nation's history, with opportunities in each unit to study in more depth the events, issues or other historical phenomena of special significance in the American narrative. Students will make connections between events of the past and their ongoing impact on the near-present, thus developing a context for their emerging sense of civic responsibility. This course emphasizes the frequent use of higher order thinking skills in its approach to studying history and strives to foster in students a nuanced, analytical mindset. Reading, writing, speaking, listening and research skills, in the context of the social studies and in preparation for college, will be developed.

*Rationale:* United States History is a required course for graduation that provides students with the means to better understand the multiple factors that have shaped the society in which they live. In conjunction with the two other core courses, it provides a solid foundation for York students to be engaged, informed and judicious citizens.

**#0186 AP United States History**
Grades 11-12 / Full Year High Weighted Course – 2.0 credits
*Prerequisite*: A/B average in all previous high school work or social studies teacher recommendation
NCAA approved course

This course is designed to provide students with an extensive understanding of the foundations and concepts of U.S. History. In addition, it is designed and sequenced as the high

school equivalent of a college-level general history course, thus preparing students for the Advanced Placement Exam. Major themes studied in AP US History include but are not limited to American Diversity, American Identity, Culture, Politics and Citizenship, Reform, Religion, and Globalization. Course work includes research, evaluative and analytical skill development, which will also be utilized to assess student learning. *This course fulfills the U.S. History graduation requirement.*

*Rationale*: College-bound students interested in majoring in history, humanities, political science or philosophy would benefit from taking this course. Performance on the AP Exam will provide students with the opportunity to earn college credit and/or appropriate college course placement.

**#0152 United States History ACP**
Grade 11 / Full Year High Weighted Course
2.0 HS credit / 6.0 University credits
*Prerequisite*: Students must have earned credit for American Government, and they must have a 2.7 cumulative GPA or higher.
NCAA approved course

In this college level course, students will investigate the social, political and cultural movements that have shaped American democratic life. The course will follow a chronothematic approach, and will make relevant connections to modern issues as each historical era is explored. As a college level course, students will be tasked with developing historical writing skills, and they will produce their original research . Semester one will span from the birth of our country to the turn of the 20th century, and semester two will cover the Progressive era to modern times. This Advanced course is honors weighted, and because it is a college course in which students earn college credit, there are additional steps needed to enroll: students must apply for acceptance into this course, so please refer to the dual credit section of the course offering book for additional information.

**#3159 United States History**
Grade 11 / Full Year Course - 2.0 credits
*Prerequisite:* IEP recommendation

This course presents an overview of the major themes, events and concepts in American history. Primary and secondary reading sources in addition to multimedia resources will be incorporated into the class. *This course fulfills the U.S. History graduation requirement.*

**4105 U.S. History**
Grades 9-12 / Full Year Course— 2 credits
*Prerequisite:* IEP recommendation

This course is a study of America's past with an emphasis on the 20th century. The students will study industrialization, reform movements, The Great Depression, wars with other nations and present issues. A variety of methods will be utilized to improve student investment, involvement and the relevance of historical events to their lives.

**#0118 American Society H**
Grade 11 / Full Year High Weighted Course - 2.0 credits
*Prerequisite*: 'A' or 'B' work in both English 10 and American Government.
**NCAA approved course**

American Studies is designed as a 2-period course that links the U.S. History and the English 11 requirement. U.S. History offers a thought-provoking look at our nation's history while junior English explores the American Dream and its reality in our past and our present. The linkage between the two courses allows for many opportunities to emphasize the connections between American literature, history, art, music, and architecture through team-teaching, joint assignments, and projects, emphasizing the roots of our past and their ongoing impact on today's politics, writing, and culture. The course demands active student participation, intensive outside reading, and experiences beyond the classroom (i.e. field trip, projects) in addition to reading, writing, research, speaking, and listening skills that will prepare students for college. Two honors credits of English and two honors credits of Social Studies are awarded upon successful completion of this course.

## ELECTIVE COURSES

*The following courses fulfill the Social Studies elective requirement for graduation. Courses are organized into four strands: Behavioral Sciences, History and Political Science, Law and Criminal Justice, and Research. Students may take multiple courses within a strand or sample courses from each strand.*

### *Behavioral Sciences*

**#0181 Economics**
Grades 10-12 / 1 Semester Course – 1.0 credit
Fulfills Consumer Education requirement for graduation.
NCAA approved course
Economics is a discipline of the social sciences that examines the allocation of resources and their alternative uses in satisfying the needs and wants of individuals. Key concepts include: scarcity, opportunity cost, cost/benefit analysis, circular flow, supply and demand, elasticity, socioeconomic issues, monetary policy, trade and investment options. The

semester will be divided into micro and macroeconomics, separated by an investment unit. Emphasis will placed on real world economic issues that influence our daily lives.
*This course should not be taken concurrently with AP Microeconomics or Macroeconomics.*
*Completion of this course fulfills the Consumer Education requirement OR the Social Studies elective requirement for graduation, but NOT both.*

*Rationale:* Economic activity pervades every aspect of life. Therefore, knowledge of economic concepts and systems should be a part of every citizen's education in today's world. This course offers a high degree of academic literacy for the student interested in a business career in marketing, management, investment banking or starting a business.

**#0179 AP Microeconomics**
Grades 11-12 / 1 Semester High Weighted Course – 1.0 credit
*Prerequisite*: A/B average in all previous high school work or social studies teacher recommendation
Fulfills Consumer Education requirement for graduation.
NCAA approved course

AP Microeconomics is designed for students to understand how resources are used to satisfy people's wants. This one semester, college level course explores the individual components that make up our economy: the consumer, the business firm and the government. Students will gain an understanding of economic concepts such as opportunity cost, supply and demand, marginality, markets and externalities. In-depth research and discussion of economic topics and current events will help students make sense of their world. Special focus will be placed on preparation for the AP Exam in May. Students must realize the importance of independent study. Success in this course and on the exam relies heavily on individual commitment from the student. *Completion of this course fulfills the Consumer Education requirement OR the Social Studies elective requirement for graduation, but NOT both.*
*This course should not be taken concurrently with Economics.*

*Rationale*: College-bound students interested in majoring in economics, finance, business, political science, or similar fields would benefit from taking this course. Performance on the AP Exam will provide many students with the opportunity to receive college credit and/or appropriate college course placement.

**#0185 AP Macroeconomics**
Grades 11-12 / 1 Semester High Weighted Course – 1.0 credit
*Prerequisite*: A/B average in all previous high school work or social studies teacher recommendation
Fulfills Consumer Education requirement for graduation.
NCAA approved course

AP Macroeconomics is designed for students to understand the principles of economics that apply to an economic system as a whole. The countries of the world have become increasingly interdependent. Economic policy decisions made in the United States have implications for countries and its citizens thousands of miles away. In turn, we are affected by the policies of other countries. This interdependence forces us to become well-informed decision makers. This one semester, college level course explores basic economic concepts, measurement of economic performance, national income and price determination, the financial sector, inflation unemployment and stabilization policies, economic growth and productivity, and international trade and finance. Special focus will be placed on preparation for the AP Exam in May. *Completion of this course fulfills the Consumer Education requirement OR the Social Studies elective requirement for graduation, but NOT both.*
*This course should not be taken concurrently with Economics.*

*Rationale*: College-bound students interested in majoring in economics, finance, business, political science, international relations or similar fields would benefit from taking this course. Performance on the AP Exam will provide many students with the opportunity to receive college credit and/or appropriate college course placement.

**#0146 Sociology**
Grades 10-12 / 1 Semester Course – 1.0 credit
NCAA approved course

Do eyes and facial expression reveal a person's true thoughts? Why do social groups often dislike each other? Does television lead people to violence and reduce their attention span? What causes prejudice? These and other questions are answered in Sociology. This class will focus on how people behave in groups. Films, simulations and role play activities help students develop social skills and knowledge that is essential for dealing with others. *This course fulfills the Social Studies elective requirement for graduation.*

*Rationale*: Sociology is recommended for students contemplating a career in business, social work, law enforcement, social and/or market research or any other occupation involving interpersonal contact. Skills acquired in this course and knowledge of group dynamics provides a firm foundation for future study and real life applications.

**#0167 ACP Sociology Honors: Our Complex and Diverse Society**
Grades 11 – 12 / 1 semester High Weighted Course—1.0 credits
Prerequisite: Successful Completion of American Government or AP Government. To earn Indiana University Credit, a student must have a 2.7 gpa prior to the start of the semester.
The great questions from humanity often derive their focus from the attempt to understand the origin of the self. *Who are we? Why do we behave the way we do?* Sociology argues the core of our personality and the explanation of our behavior is

rooted in the groups we hold membership in and the social pressures exerted on us to belong. Groups such as race, ethnicity, social class, gender, family, friends and media demand specific behaviors from us in order to retain membership in and acceptance from the groups which define us. In this college level course, students will investigate the ways in which membership in social groups defines our personalities and causes us to act in specific ways. Successful completion of ACP Sociology will earn students college credit through Indiana University.

*Rationale:* Along with the rationale for Sociology, ACP Sociology will provide an advanced level course in human society. It will provide college thought and complexity in the field of Sociology, and it can yield college credit through Indiana University.

**#0141 Psychology**
Grades 11-12 / 1 Semester Course – 1.0 credit
NCAA approved course

The basic subject matter of psychology is behavior, a matter of vital concern to all of us. The news media frequently cite examples of psychological phenomena such as personality, emotional problems, drug use and abuse, racism, violence and sexuality. In this course we will examine such topics as learning, memory, perception, motivation, development, stress, intelligence and personality testing, abnormal behavior and therapy with an emphasis on applying these to individual behavior. *This course fulfills the Social Studies elective requirement for graduation.*
*This course should not be taken concurrently with AP Psychology.*

*Rationale*: This course has a two-fold purpose. The first purpose is to give the student a better understanding of self and others so that he/she may have more satisfying relationships and function more efficiently. The second purpose is to familiarize the student with the subject of psychology for help in considering further educational plans.

**#0162 AP Psychology**
Grades 11-12 / Full Year High Weighted Course – 2.0 credits
*Prerequisite:* A/B average in all previous high school work or social studies teacher recommendation
NCAA approved course

This course provides a detailed and demanding overview of the field of psychology and requires a high degree of commitment and the use of effective independent learning skills from its students. AP Psychology is designed to be the high school equivalent of a college-level general psychology course, thus preparing students for success on the AP Exam. A sound introduction to psychological practice and theory is afforded in each of the major subfields of the discipline, including personality, consciousness, biological psychology, lifespan development, learning, sensation and perception, emotion and motivation, cognition, experimental methods, memory, mental disorders, treatment methods and social psychology. Success in this course can be measured not only by academic performance, but also by the extent to which students make meaningful applications of the subject matter for the betterment of their lives. *This course fulfills the Social Studies elective requirement for graduation.*
*This course should not be taken concurrently with AP Psychology.*

*Rationale:* College-bound students planning on majoring in any of the social sciences or health-related fields would benefit from this course. Performance on the AP Exam will provide many students with the opportunity to receive college credit and/or appropriate college course placement.

**#3148 Psychology**
Grade 12/ 1 Semester—1.0 credit
Prerequisite: IEP recommendation

This courses will provide students an opportunity to understand themselves and others by investigating such topics as learning, motivation, perception, personality and personality testing, emotion, stress and frustration, and psychological disorders. *This course fulfills the Social Studies elective requirement for graduation.*

**#0182 Philosophy**
Grades 11-12 / 1 Semester Course – 1.0 credit
NCAA approved course

Interested in a deeper look into the way we live our lives? This course is designed to expose students to the study of philosophy from the classics to the present. The objective of the course is to examine closely, discuss and write about the world and the moral and ethical challenges we face. Assignments will involve extensive research into the great questions that have faced mankind. Higher order thinking skills designed to elicit mature discussions about the meaning of life will be the standard. *This course fulfills the Social Studies elective requirement for graduation.*
*Rationale*: College-bound students planning on majoring in any of the social sciences would benefit from the kind of thinking they will be exposed to in this class.

## *History and Political Science*

**#0164 AP European History**
Grades 10-12 / Full Year High Weighted Course – 2.0 credit
*Prerequisite*: A/B average in all previous high school work or social studies teacher recommendation
NCAA approved course

This course is designed to provide students with relevant factual knowledge and an extensive understanding of European history from 1450 to the present. AP European History is designed to be the high school equivalent of a college-level general history course, thus preparing students for success on the AP Exam. Major topics studied in the course are developments in social, economic and political thought, the rise and functioning of the modern state in its various forms and the role of urbanization in transforming cultural values and social relationships. Students will develop research, evaluative and analytical skills that will be used to illustrate comprehension and understanding. This course also provides students with frequent practice in writing analytical and interpretive essays such as document based questions and thematic essays. *This course fulfills the Social Studies elective requirement for graduation.*

*Rationale*: College–bound students will benefit from taking this course. Students will develop reading, writing and analytical skills to prepare them for future AP/ Honors courses. Performance on the AP Exam will provide many students with the opportunity to receive college credit and/or appropriate college course placement.

**#0190 International Relations Honors**
Grades 11-12 / 1 Semester High Weighted Course – 1.0 credit
*Prerequisite*: A/B average in all previous high school work or Social Studies teacher recommendation
NCAA approved course

This course is designed to provide students with an understanding of the foundations and theories underlying international relations in the 21st century. Beginning with an examination of theories driving international relations in the 20th century, students will analyze modern issues and determine the ways in which traditional diplomacy applies or has been rendered obsolete in this global world. Coursework will also consider novel options in 21st century diplomacy. International Relations is designed to provide students with opportunities to examine modern issues via writing, presentations and simulations so that they can hone their own diplomatic acumen. Major topics include diplomacy, geography, globalization, conflict resolution, global security, the rise of non-state actors and sustainable development. Students will develop research, evaluative and analytical skills which they will use to illustrate analysis and synthesis of the curricula. *This course fulfills the Social Studies elective requirement for graduation.*
*Rationale*: College-bound students interested in majoring in international relations, political science, international business, economics or regional studies would benefit from taking this course.

**#0191 Military History**
Grades 11-12 / 1 Semester Course – 1.0 credit
NCAA approved course

Military History is a one semester course that focuses on the strategy, tactics, technology, leadership and logistics of warfare. The course offers a comprehensive history of war, from Ancient Greece and Rome to the current War on Terror, blending broad overviews of conflicts with eye witness accounts from those fighting on the front lines. *This course fulfills the Social Studies elective requirement for graduation.*

*Rationale:* This elective will provide interested students the opportunity to further examine topics related to war discussed in World Studies and U.S. History. It will also provide a more robust historical context for understanding armed conflict. To quote the historian Victor Davis Hanson, "...democratic citizenship requires knowledge of war— and now, in the age of weapons of mass annihilation, more than ever."

**#0119 Technology, Text & Cultural Rhetoric H**
Grade 12 / Full Year Course - 2.0 credits
*Prerequisite*: Students must have earned credit for English 11 or AP Language and Composition AND US History, AP US History, or US History ACP.
**Pending NCAA approval**

Tech, Text, and Cultural Rhetoric is designed as a 2-period course that links the Senior English requirement and the Social Studies Elective requirement. Through this year-long course framed through the examination of technological advances and their direct impacts on the literature and art of contemporary world / US history, students will analyze the **relationship and influence** of each on the other. Focusing on primary historical documents, poetry, literature, and art, students will analyze key historical events and the technological advances that not only influence them but also result from them. Pairing their understanding of history with their analysis and engagement in literature and art, students will analyze fiction, nonfiction, and visual texts, writing frequently in ways that synthesize their understanding of the reciprocal influences that events, technological developments, and art have one one another. Students will demonstrate their understandings through a culminating pro-

ject driven by their own inquiry and areas of interest within the focus of the course.

**#0188 Women's Studies**
Grades 10-12 / 1 Semester Course – 1.0 credit
NCAA approved course

This course explores the history of women's experiences in American society. The course is taught thematically with topics including, but not limited to, politics, labor, reproductive rights, military, education, sports and media/image. Women's Studies offers a serious examination of America from the woman's perspective. Additional goals include the enhancement of the woman's sense of self, the elimination of sexism, appreciation for women-centered values, a deepening awareness of the effects of gender on both sexes and an increased respect among women and between women and men. *This course fulfills the Social Studies elective requirement for graduation.*

*Rationale*: This elective will provide interested students the opportunity to further examine women's studies topics discussed in U.S. History. It will provide an academic context for understanding modern issues concerning gender equality.

**#0196 World Religions**
Grades 10 - 12 / 1 Semester Course—1.0 credit
This course fulfills an Elective credit.
NCAA approved course

Religion has historically been, and continues to be, a force that shapes cultures and individual identities throughout the world. It is impossible to understand history without taking into account the impact that various religions have had on social dynamics and the emergence of regional ideologies: Judaism and Christianity in Europe and the Americas; Islam in the Arab World; Hinduism, Buddhism, Shintoism, and Confucianism in the Far East. Likewise, it is difficult to understand current global and domestic trends, conflicts, and social movements without a substantive grasp of the basic tenets and practices of world religions. As our students graduate into an increasingly globalized world and culturally diverse American populace, providing them with an opportunity to become culturally literate in regards to religious belief systems and their impact on society is warranted.

## *Law and Criminal Justice*

**#0145 Criminology**
Grades 10-12 / 1 Semester Course – 1.0 credit
NCAA approved course
This course examines current thinking about the causes of crime and delinquency, as well as methods of punishments and correction. The student will study topics such as aggression, influence of the media, role of the family, urban conditions, types of crime, gun control, gangs and prisons. *This course fulfills the Social Studies elective requirement for graduation.*

*Rationale*: Students interested in topics related to crime and punishment and/or those interested in a career in law enforcement, social work or the legal profession would find this a good introduction to one of the most important issues in American society.

**#0173 Law in American Society**
Grades 11-12 / 1 Semester Course – 1.0 credit
NCAA approved course

It is essential to have an awareness of the laws that protect us as well as those that restrict us. Students will develop a basic understanding of our legal system, its terminology and its procedures. An emphasis will be placed on analyzing real world issues and court cases that relate to our rights as citizens. Students will examine landmark Supreme Court decisions as well as criminal cases. The class will rely heavily on class discussion and insight. Specific topics include civil law, court procedure, rules of evidence, search and seizure and rights when arrested. *This course fulfills the Social Studies elective requirement for graduation.*

*Rationale*: This class will expose students to skills and content that will prove useful for those considering careers in law, criminal justice and other public occupations.

**#0189 Constitutional Law Honors**
Grades 11-12 / 1 Semester High Weighted Course – 1.0 credit
*Prerequisite*: A/B average in all previous high school work or Social Studies teacher recommendation
NCAA approved course

This course will study the fundamental basis of the American legal system: the United States Constitution. Students will study the tenets of American constitutional law as well as the historical and current debates about the scope and meaning of the Constitution in relation to the Supreme Court's role in the governing of the United States. Supreme Court decisions will be analyzed with consideration for the historical context, past interpretation, and the Court's overall consistency in following precedent. Students will be able to look at current Supreme Court cases from an analytical standpoint and formulate reasoned hypotheses on how

the court will rule while considering its ideological makeup. *This course fulfills the Social Studies elective requirement for graduation.*

*Rationale*: College-bound students interested in majoring in a law-related field would benefit from taking this course. Higher order thinking and undergraduate literacy skills will be developed in a rigorous, high interest environment.

## ***Research***

**#0197 AP Seminar**
Grades 10-12 / Full Year Course – 2.0 credits
1.0 credit SS elective / 1.0 credit for Science Elective
Pending NCAA approval

AP Seminar is the first course in the AP Capstone Diploma sequence. This course engages students in cross-curricular conversations between Social Studies, the Humanities, and Science. You will explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational, literary, and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. During the course you will complete a team project, an individual paper and presentation, and take a written end-of-the-course exam. Your AP Seminar Exam score will be based on all three assessments. *This course fulfills the Social Studies elective requirement for graduation. AND a science elective credit.*

*Rationale:* This course is the first in a recommended two-series AP Capstone program (AP Seminar followed by AP Research). AP Seminar will give students the tools to obtain and evaluate information using a multidisciplinary lens (science and social studies) in order to communicate evidence-based arguments. College-bound students and students looking to improve reading, writing and research skills would benefit from this course. *This course fulfills the Social Studies elective AND a Science elective credit for graduation.*

# BILINGUAL & ENGLISH LANGUAGE LEARNER COURSES

**#0123 ELL World Studies**
Grade 9 / Full Year Course – 2.0 credits
*Prerequisite:* Students must be enrolled in the ELL program
NCAA approved course

ELL World Studies is a foundational social studies course that introduces students to their world through the blend of a historical approach and a look at 21st century global issues that impact the international community. The course is framed primarily around the history of western civilization, yet addresses the historical and cultural relevance of other regions of the world. In addition, the course offers students the opportunity to examine modern day global challenges that are thematically linked to the historical content they have learned. Development of critical thinking skills and of the four language domains (reading, writing, speaking and listening) in the context of the social studies will be emphasized. *This course fulfills the World Studies graduation requirement for ELL students.*

*Rationale:* ELL students will be receiving instruction of content that is comparable to mainstream students; however, the language of instruction will be sheltered so that it is more
accessible to students who are still acquiring general and academic English skills.

**#0125 Bilingual World Studies**
Grade 9 / Full Year Course – 2.0 credits
*Prerequisite:* Students must be enrolled in the ELL program

Bilingual World Studies is a foundational social studies course that introduces students to their world through the blend of a historical approach and a look at 21st century global issues that impact the international community. The course is framed primarily around the history of western civilization, yet addresses the historical and cultural relevance of other regions of the world. In addition, the course offers students the opportunity to examine modern-day global challenges that are thematically linked to the historical content they have learned. Instruction will be in Spanish. Development of critical thinking skills and of the four language domains (reading, writing, speaking and listening), in the context of the social studies, will be emphasized. *This course fulfills the World Studies graduation requirement for ELL students.*

*Rationale:* ELL students will be receiving instruction of content that is comparable to mainstream students; however, the language of instruction will be Spanish so that it is more accessible to students who are still acquiring general and academic English skills.

**#0124 ELL American Government**
Grade 10 / 1 Semester – 1.0 credit
*Prerequisite:* Students must be enrolled in the ELL program
NCAA approved course

American Government is the second course in the social studies core course sequence. It provides a blend of political science, government and civic curricular goals. In practical ways, students learn about the constitutional structure and behavioral trends in the American political system. Areas of study include political ideology, the electoral process, policymaking, constitutional interpretation and the analysis of current events. A special focus is placed on fostering an individual sense of civic duty and pride. In addition, this course emphasizes the frequent use of higher order thinking skills in its examination of the American system of government and strives to cultivate in students a nuanced, analytical mindset. Development of research skills and of the four language domains (reading, writing, speaking, and listening), in the context of the social studies, will be emphasized. *This course fulfills the American Government graduation requirement for ELL students as well as the state mandated U.S. and Illinois Constitution tests.*

*Rationale:* ELL students will be receiving instruction of content that is comparable to mainstream students; however, the language of instruction will be sheltered so that it is more accessible to students who are still acquiring general and academic English skills.

**#0127 Bilingual American Government**
Grade 10 / 1 Semester – 1.0 credit
*Prerequisite:* Students must be enrolled in the ELL program
NCAA approved course

Bilingual American Government is the second course in the social studies core course sequence. It provides a blend of political science, government and civic curricular goals. In practical ways, students learn about the constitutional structure and behavioral trends in the American political system. Areas of study include political ideology, the electoral process, policymaking, constitutional interpretation and the analysis of current events. A special focus is placed on fostering an individual sense of civic duty and pride. In addition, this course emphasizes the frequent use of higher order thinking skills in its examination of the American system of government and strives to cultivate in students a nuanced, analytical mindset. Instruction will be in Spanish. Development of reading, writing, speaking, listening and research skills, in the context of the social studies, will be emphasized. *Successful completion of this course fulfills the state mandated U.S. and Illinois Constitution tests.*

*Rationale:* ELL students will be receiving instruction of content that is comparable to mainstream students; however, the language of instruction will be Spanish so that it is more accessible to students who are still acquiring general and academic English skills.

**#0126 ELL United States History**
Grade 11 / Full Year Course – 2.0 credits
*Prerequisite:* Students must be enrolled in the ELL program
NCAA approved course

ELL United States History is the culminating course in the social studies core course sequence. It offers students a thought-provoking survey of the nation's history, with opportunities in each unit to study in more depth the events, issues or other historical phenomena of special significance in the American narrative. Students will make connections between events of the past and their ongoing impact on the near-present, thus developing a context for their emerging sense of civic responsibility. This course emphasizes the frequent use of higher order thinking skills in its approach to studying history and strives to foster in students a nuanced, analytical mindset. Development of research skills and of the four language domains (reading, writing, speaking and listening), in the context of the social studies and in preparation for college, will be emphasized. *This course fulfills the United States History graduation requirement for ELL students.*

*Rationale:* ELL students will be receiving instruction of content that is comparable to mainstream students; however, the language of instruction will be sheltered so that it is more accessible to students who are still acquiring general and academic English skills.

# Special Education

The mission of the Special Education Department at York High School is to provide eligible students an opportunity to further develop their academic skills and knowledge base, to guide students to become responsible learners, and to foster acceptable behaviors that affect current and future life activities that promote college, career and life ready outcomes.

Each eligible student will have a case manager and an Individual Education Plan (IEP) that will identify recommended goals, programming, and supports. A continuum of services is available to meet the appropriate educational needs of students in the least restricted environment. The continuum of services that are available for students are listed below:

**Guided Study/Resource Services -** Students receives supports to maximize progress towards IEP goals and objectives. The case manager will monitor the student's performance by collaborating with the teaching staff. There are three types of guided study offered, each with a unique focus and curriculum:

A. Academic Essentials
B. Study Methods
C. SEL Support

**Co-taught Classrooms -** The student is enrolled in a selected general education class in which a General Education Teacher and a Special Education Teacher share the teaching and classroom responsibilities. A description of co-taught classes can be found under each subject area.

**Instructional Classrooms -** The student is enrolled in a special education class that will address academic, vocational or other skill building areas at an appropriate level (content and complexity). A variety of instructional programs are available to meet the students' educational needs and IEP goals. A description of instructional classes can be found under each subject area.

| | |
|---|---|
| **Reaching Everyone As Learners** | These classes are designed to meet the needs of students with behavioral and emotional disabilities. The R.E.A.L. Program focuses on improving academic, social and decision-making skills. |
| **Transition Center** | The Transition Center is an off-site, non-credit program for students ages 18-21. Placement is determined by the IEP team. Programming can be defined through the following domains: vocational, domestic, community, and recreation/ leisure. |

Course offerings in the Special Education department vary from year to year. Students' needs determine the type and number of courses offered. This information can be further discussed at their I.E.P. meeting. Students may only register for the Special Education supports specifically referenced in their Individual Education Plan. Please see the following page for the location of course descriptions.

| Course Name | Course Number | Level of Support | Department |
|---|---|---|---|
| Academic Essentials 9/10 | 3901 | Instructional Guided Study | Special Education |
| Academic Essentials 11/12 | 3902 | Instructional Guided Study | Special Education |
| Academic Literacy 9 | 002c | Co-taught | English |
| Academic Literacy 10 | 001c | Co-taught | English |
| Academic Skills & Org. | 5403 | Instructional | Special Education |
| Algebra A | 4338 | REAL | Math |
| Algebra A | 0338 | Co-taught | Math |
| Algebra Applications | 3320 | Instructional | Math |
| Algebra B | 4339 | REAL | Math |
| Algebra B | 0354 | Co-taught | Math |
| Algebra AB | 4337 | REAL | Math |
| American Government | 0171 | Co-taught | Social Sciences |
| American Government | 4177 | REAL | Social Sciences |
| American Government | 3166 | Instructional | Social Sciences |
| Application of Foods | 0878 | Co-taught | Family and Consumer Sciences |
| Applications in Biology | 3234 | Instructional | Science |
| Applications in Chemistry | 3251 | Instructional | Science |
| Applications in Environmental Science | 3205 | Instructional | Science |
| Art Survey | 0650 | Co-taught | Art |
| Consumer Concepts and Skills | 3701 | Instructional | Business and Technology |
| Core Literacy | 3130 | Instructional | Special Education |
| Core Math | 3332 | Instructional | Special Education |
| Credit Recovery | 4035 | Instructional Guided Study | Special Education |
| Drivers Education | 095C | Co-taught | PE, Health & Drivers Ed. |
| English 1 | 3118 | Instructional | English |
| English 2 | 3122 | Instructional | English |
| English 3 | 3123 | Instructional | English |
| English 4 | 3126 | Instructional | English |
| English Skills | 3020 | Instructional | English |
| English 9/10 | 4019 | REAL | English |
| English 9 | 0013 | Co-taught | English |
| English 10 | 0033 | Co-taught | English |
| English 11 | 0053 | Co-taught | English |
| English 11/12 | 4020 | REAL | English |

| Course Name | Course Number | Level of Support | Department |
|---|---|---|---|
| Functional Skills 1 | 5401 | Instructional | Special Education |
| Functional Skills 2 | 5402 | Instructional | Special Education |
| Geometry | 4335 | REAL | Math |
| Geometry Applications | 3330 | Instructional | Math |
| Geometry | 0347 | Co-taught | Math |
| Health | 3968 | Instructional | PE, Health & Drivers Ed. |
| Health | 096C | Co-taught | PE, Health & Drivers Ed. |
| Home/Consumer Management | 3859 | Instructional | Family & Consumer Sciences |
| Introduction to Business | 4710 | REAL | Business and Technology |
| Biology | 4234 | REAL | Science |
| Biology | 0230 | Co-taught | Science |
| Chemistry | 0251 | Co-taught | Science |
| Math Applications | 3310 | Instructional | Math |
| Physical Education | 4947 | REAL | PE, Health & Drivers Ed. |
| Physical Education | 195A/295A | Co-taught | PE, Health & Drivers Ed. |
| Pre-Algebra | 3324 | Instructional | Math |
| Psychology | 3148 | Instructional | Social Sciences |
| SEL Support 9/10 | 4033 | Instructional Guided Study | Special Education |
| SEL Support 11/12 | 4034 | Instructional Guided Study | Special Education |
| Social Studies | 4120 | REAL | Social Studies |
| Study Methods 9/10 | 3912 | Instructional Guided Study | Special Education |
| Study Methods 11/12 | 3914 | Instructional Guided Study | Special Education |
| US History | 4105 | REAL | Social Sciences |
| US History | 3159 | Instructional | Social Sciences |
| US History | 0151 | Co-taught | Social Sciences |
| Vocational Training | 5830 | Instructional | Special Education |
| World Studies | 3105 | Instructional | Social Sciences |
| World Studies | 0120 | Co-taught | Social Sciences |

**#3912 Study Methods 9/10**
**#3914 Study Methods 11/12**
*(Executive Functioning Intervention Focus)*
Grades 9-12 /Semester—0.5 credits; repeatable
*Prerequisite:* IEP recommendation

This class is designed to support students who have IEP goals in the area of executive functioning. This class has a research-based curriculum and although there could be opportunities to address homework concerns, the primary purpose of guided study is meeting IEP goals and minutes. Students must enroll both semesters.

**#3901 Academic Essentials 9/10**
**#3902 Academic Essentials 11/12**

*(Academic Intervention Focus)*
Grades 9-12 /Full Year Course—1 credit; repeatable
*Prerequisite:* IEP recommendation

This class is designed to support students who have IEP goals related to literacy and/or math. Students engage with targeted, research-based interventions, which will be closely monitored to close achievement gaps and meet IEP goals. IEP goals related to organization and study skills will be addressed as well. There are very limited opportunities to address homework concerns, as the primary purpose of this course is to meet IEP goals and minutes.

**#4033 SEL Support 9/10**
**#4034 SEL Support 11/12**
*(Social-Emotional Intervention Focus)*
Grades 9-12 /Semester—.5 credit; repeatable
*Prerequisite:* IEP recommendation

This class is designed to support students who have IEP goals in social emotional areas. This class has a research-based curriculum and although there could be opportunities to address homework concerns, the primary purpose of SEL Support is meeting IEP goals and minutes.

**Credit Recovery**
Grades 9-12 / Full Year Special Education Elective Course - 0 credits
*Prerequisite*: IEP or counselor recommendation

The purpose of the course is to allow students a scheduled time to recover one or multiple missing credits through Compass Learning. Since students will earn credit for the Compass Learning course( s) they complete, no credit is given to the actual Credit Recovery Course.

**#5401 Functional Skills 1**
Grades 9-12/Full Year Course -6.0 credits repeatable
*Prerequisite:* IEP recommendation
(Three Period Block)

The students served in Functional Skills 1 will benefit from instruction across the five domains (functional academics, community, domestic, recreation and leisure, and vocational). The delivery of instruction will meet the learning needs of students with moderate and severe disabilities, including increased time participating in naturally occurring environments, increased practice of functional skills across environments, and opportunities for generalization of skills across people, materials and environments.

**#5402 Functional Skills 2**
Grades 9-12 / Full Year Course—4.0 credits; repeatable
*Prerequisite:* IEP recommendation
(Two Period Block)

The students served in Functional Skills 2 will benefit from instruction across the five domains (functional academics, community, domestic, recreation and leisure, and vocational). The delivery of instruction will meet the learning needs of students with moderate and severe disabilities, including increased time participating in naturally occurring environments, increased practice of functional skills across environments, and opportunities for generalization of skills across people, materials and environments.

**#5403 Academic Skills and Organization**
Grades 9-12/Full Year Course-2.0 credits; repeatable
Prerequisite: IEP recommendation

This course helps students become organized for their day. It allows them to plan and regulate their emotions and energy levels. It is designed to meet the individual needs of students and promote independence. Students may work on, but not limited to, vocabulary development, reading skills, computer skills, sensory regulation, planning and therapies. Students will develop independence, time on task and self-advocacy skills.

**#3130 Core Literacy**
Grades 9-12/Full Year Course-2.0 credits; repeatable
Prerequisite: IEP recommendation

The focus of this course is to build onto the basic foundations of reading. The approach is to use functional/real life subjects for vocabulary and reading. Students will work on identification and meaning of vocabulary, reading fluency, reading comprehension and building their general knowledge base.

**#3332 Core Math**
Grades 9-12/Full Year Course-2.0 credits; repeatable
Prerequisite: IEP recommendation

The focus of this course is to build onto the basic foundations of math. Core Math focuses an emphasis on time, money and basic computation. This course includes a weekly community component. This allows students to transfer skills introduced in the classroom into the community.

**#5830 Vocational Training Jr/Sr**
Grades 11/12Full Year Course—4.0 credits repeatable
*Prerequisite:* IEP recommendation
(Two Period Block)

This program is a two period block for juniors and seniors which consists of a work training component and a classroom component. The work training component will introduce the concept of work, assess the student's skills in the workplace, and identify student job preferences. This would be accomplished through a job training rotation in various environments.

The classroom component will be available to students when they are not involved in a work training opportunity. Class instruction will focus on those skills needed to gain and maintain employment. These activities would include career exploration, locating and applying for employment, interviewing skills, interpersonal skills on the job, resume building, problem solving, goal setting, work habits, job safety, hygiene, positive work attitudes, on the job ethics and responsibility.

# Study Seminar

**#9952 Study Seminar – Grade 9**
**#9953 Study Seminar – Grade 10**
**#9954 Study Seminar – Grade 11**

Grades 9, 10 and 11 / Full Year Course or 1 Semester - .5 credit per semester
*Prerequisites:* York Student Services recommendation and approval by Study Seminar staff

Study Seminar is designed to be both a supportive study period and a learning lab. The purpose of Study Seminar is to provide students with opportunities and strategies that will enhance their educational experience and positively empower them as they transition into young adulthood. While much of the time in Study Seminar will be available for use as a study period to address academic issues in their most challenging courses, students also will use class time to learn strategies that will help them succeed in school and in life.

*Rationale:* At times students need additional support when facing academic or personal challenges. This course and the staff members associated with it help students meet these challenges as they navigate high school.

# Student Services

York Student Services (YSS) consists of Counselors, Deans, Social Workers, Psychologists, Police Liaison Officers, School Nurses and School Records Personnel. The goal of this team is to create a safe and supportive school climate while providing comprehensive services designed to enable student academic, emotional, social and physical development. YSS helps students maximize their potential in high school while assisting them with post high school planning. The Student Services Team works to ensure that students develop the knowledge, motivation, and metacognition necessary to be successful, contributing members of society.

## Course Descriptions

**#8304 Freshman Orientation and Guidance**
Grade 9 / 1 Semester—0.5 credit (Pass/Fail; Required for all freshmen)

Freshman Orientation and Guidance is a comprehensive transition program for all freshmen at York and meets for one half of their lunch period twice a week during first semester. This program provides a supportive environment for freshman students as they begin their high school experience. During the semester, freshmen are introduced to the Student Services Team and participate in activities which help them develop positive relationships with their counselor, upperclassmen mentors, staff and other freshman students. The program covers a number of topics to help freshmen acclimate to high school. These topics include getting involved at York, developing good study skills, understanding GPA, creating a four year plan and discussing relevant social issues.

# World Language

Believing that language and communication are at the heart of the human experience, the York World Language department provides the tools that students need to maximize their communicative and cultural capacity. We work to ensure that students can reach their highest level of linguistic potential when by responding to the learning needs of all students.

All world language courses at York are taught primarily in the target language, with the target of 90% of communication taking place in Chinese, Italian, French or Spanish.

All world language courses at York focus on developing proficiency within the three modes of communication. The three modes are described by The American Council on the Teaching of Foreign Languages as follows:

**Presentational Mode**- The Presentational Mode refers to the creation of oral and written messages in a manner that facilitates interpretation by members of the other culture where no direct opportunity for the active negotiation of meaning between members of the two cultures exists. Students present information, concepts, and ideas to an audience of listeners or readers on a variety of topics.

**Interpretive Mode**- The Interpretive Mode focuses on the appropriate cultural interpretation of meanings that occur in written and spoken form where there is no recourse to the active negotiation of meaning with the writer or the speaker. Students are assessed both in on their reading and listening skills. Students interact with texts of various types. A text can be any kind of spoken, written or visual material, as well as films and music.

**Interpersonal Mode**- The Interpersonal Mode is characterized by the active negotiation of meaning among individuals. Participants observe and monitor one another to see how their meanings and intentions are being communicated. Students engage in conversations, provide and obtain information, express feelings and emotions, and exchange opinions.

Our department grading policies reflect our belief in the importance of the three modes of communication and our intent to develop proficiency in all modes. Students' semester grades will be determined as follows:

**25% - Presentational Assessments**

**25% - Interpretive Assessments**

**25% - Interpersonal Assessments**

**15% - Skill Checks** This category may include formative assessments or discrete point grammar or vocabulary sections that are a part of a larger assessment.

**10% - Academic Responsibility** This category includes coming prepared to class, completion of homework and timely completion of projects.

While one semester of language study will fulfill the York Fine Arts graduation requirement, college-bound students should be aware that colleges and universities often have much higher world language entrance requirements. Most colleges require at least two years of second language study for admission. Competitive colleges and universities may require completion of four years of high school study for admission. When planning a course of study, every student should check on the specific entrance requirements of the college that he/she is planning to attend.

# Course Descriptions

**#0401 Chinese 1**
Grades 9-12 / Full Year Course – 2.0 credits
NCAA approved course

Chinese 1 is an introduction to the Chinese language and culture. The four language skills of listening, speaking, reading and writing are developed. Students will participate actively and cooperatively in classroom activities, engage in guided conversation and write using basic vocabulary and structures. Cultural information about daily life and social customs is integrated into the curriculum. Good study skills and attention to detail are essential to success.

**#0402 Chinese 2**
Grades 10–12/ Full Year Course – 2.0 credits
*Prerequisite:* Successful completion of Chinese 1
NCAA approved course

This course is a continuation of Chinese 1 with an emphasis on the Chinese language grammatical system as well as the functional use of the language. Students continue to develop their reading and writing skills and their knowledge of Chinese culture.

**#0403 Chinese 2 Honors**
Grades 10-12 / Full Year High Weighted Course - 2.0 credits
*Prerequisites:* Successful completion of Chinese 1 and teacher recommendation
NCAA approved course

This course is a continuation of Chinese I with an emphasis on oral expression and comprehension. Students continue to develop their reading and writing skills and their knowledge of Chinese culture. Higher standards in terms of motivation, diligence and academic performance are expected from the students in this class.

**#0404 Chinese 3**
Grades 11-12 / Full Year Course - 2.0 credits
*Prerequisite:* Successful completion of Chinese 2 and teacher recommendation.
NCAA approved course

Students who have successfully completed Chinese 2 can expand their knowledge and usage in Chinese 3. There is continued emphasis on the practical uses of Chinese in more complex structural forms. Student will begin to gain understanding of basic aspects of Chinese culture and make connection between Chinese and other subjects such as geography, social studies, and the fine arts.

**#0405 Chinese 3 Honors**
Grades 11-12 / Full Year High Weighted Course - 2.0 credits
*Prerequisites:* Successful completion of Chinese 2 Honors and teacher recommendation
NCAA approved course

Students who have successfully completed Chinese 2 Honors can expand their knowledge and usage in Chinese 3 Honors. Chinese 3 Honors introduces sophisticated topics and emphasizes using of authentic materials. Culture learning and development of insight into the nature of the language and culture are integrated into the curriculum. Students are expected to reach higher levels of proficiency in the target language in terms of speaking, listening, reading and writing. Student will begin to gain understanding of basic aspects of Chinese culture and make connection between Chinese and other subjects such as geography, social studies, and the fine arts.

**#0406 Chinese 4**
Grade 12 / Full Year Course - 2.0 credits
*Prerequisite:* Successful completion of Chinese 3
NCAA approved course

Students who have successfully completed Chinese 3 can expand their knowledge and usage in Chinese 4. Students will develop their knowledge of Chinese language and culture to an advanced level of study. Further emphasis is placed on speaking and listening to Chinese along with exposure to more advanced reading and writing opportunities.

**#0412 Chinese 4 Honors**
Grade 12 / Full Year High Weighted Course - 2.0 credits
*Prerequisites:* Successful completion of Chinese 3 Honors teacher recommendation
NCAA approved course

Students who have successfully completed Chinese 3 Honors will expand their knowledge and usage in Chinese 4 Honors. Chinese 4 Honors introduces students to the highest level of Chinese study available at York. Students will continue their study of Chinese and expand their knowledge in Chinese language and culture. Successful completion of this course will enable students to continue their study of Chinese to more advanced levels in post-secondary institutions.

**#0410 French 1**
Grades 9-12 / Full Year Course - 2.0 credits
*Exempt:* Students completing the middle school French program are not eligible to take this course.
NCAA approved course

This course is designed for students that are taking French for the first time. In this course students are introduced to conversational use of the French language through the three modes of communication. Pronunciation, vocabulary, listening comprehension skills and basic grammatical structure are developed through the interpretation of authentic texts and interpersonal communication. The students are also introduced to the culture and civilization of French-speaking countries.

**#0418 French 2**
Grades 9-12 / Full Year Course - 2.0 credits
*Prerequisite*: Successful completion of French 1 or Middle School sequence. Placement is made using the placement rubric.
NCAA approved course

This course is a continuation of French 1. Emphasis is placed on the practical use of French in speaking, reading and writing. Attention is given to developing structural understanding through grammatical study and drills and to building vocabulary through readings and question/answer activities. Students continue to study the geography and culture of francophone countries.

**#0416 French 2 Honors**
Grades 9-12 / Full Year High Weighted Course - 2.0 credits
*Prerequisites*: Successful completion of French 1 or Middle School sequence. Placement is made using the placement rubric.
NCAA approved course

This course is a continuation of French 1 but at an accelerated pace with emphasis on oral expression and comprehension. In addition to structural and vocabulary development, students will listen and interpret authentic texts. Students will develop expository themes and write creative stories. Students continue to study the geography and culture of francophone countries. Use of French in class is expected.

**#0424 French 3**
Grades 10-12 / Full Year Course - 2.0 credit
*Prereqsuisite*: French 2
NCAA approved course

Students who have successfully completed French 2 can expand their knowledge and language usage in French 3. There is continued emphasis on the practical uses of French in speaking, reading, writing and oral comprehension using a variety of verb tenses and more complex structural forms. Students will begin to read and interpret simple literary texts and documentary material about French culture.

**#0420 French 3 Honors—ACP**
Grades 10-12 / Full Year High Weighted Course - 2.0 York credits, 3.0 Indiana University credits
*Prerequisite*: Successful completion of French 2H
NCAA approved course

Advanced College Project (ACP) courses allow students to earn high school credit and college credit though Indiana University concurrently. These Advanced courses are honors weighted, and because students receive transcripted credit for French 200 through IU, there are additional steps needed to enroll: students must apply for acceptance into these courses, so please refer to the dual credit section of the course offering book for additional information. Students in the French 3 Honors course focus on activities in the three modes of communication: interpretive, interpersonal and presentational, as described by the American Council on the Teaching of Foreign Language (ACTFL). As the year progresses, students are exposed to an ever increasing amount of authentic texts, videos and dialogues in an attempt to increase their proficiency in the language. The French 3 Honors classes employ various literary texts throughout the year, ending the year with the reading and discussion of Le Petit Prince in the second semester.

**#0429 French 4 / #0409 French 5**
Grades 11-12 / Full Year Course - 2.0 credits
*French 4 Prerequisite:* French 3
*French 5 Prerequisite*: French 4
NCAA approved course

This course is a combined class with a four semester sequence that can be entered in the 1st or 3rd semester. Concepts are reviewed at each level to provide students with opportunities for growth and mastery of core curriculum. Continuous refinement of all three modes of communication through the use of authentic texts takes place. Students will have the opportunity to explore cultural and historical topics through the use of two short novels which are incorporated throughout the year.

**#0425 French 4 Honors—ACP**
Grades 11-12 / Full Year High Weighted Course - 2.0 York credits, 3.0 Indiana University credits
*Prerequisite*: Successful completion of ACP French 3H
NCAA approved course

Advanced College Project (ACP) courses allow students to earn high school credit and college credit though Indiana University concurrently. These Advanced courses are hon-

ors weighted, and because students receive transcripted credit for French 250 through IU, there are additional steps needed to enroll: students must apply for acceptance into these courses, so please refer to the dual credit section of the course offering book for additional information. In this course, students will continue to improve their proficiency in French through focus on the three modes of communication: interpersonal, presentational and interpretive skills. Current events are discussed using French websites and other authentic sources. The French 4 Honors class employs literary extracts as well as the play "Suivez la Piste" and stories of "Le Petit Nicolas" to advance class discussion and to strengthen proficiency in the language. Students also have opportunities to explore cultural and historical topics through a short study of the history of France.

**#0407 AP French Language**
Grade 12 / Full Year High Weighted Course - 2.0 credits
*Prerequisite*: Successful completion of French 4H
NCAA approved course

AP French Language and Culture is a college-level course intended for students in their final year of study of French at York High School. The three modes of communication (Interpersonal, Interpretive and Presentational) are foundational to the AP French Language and Culture course. Course work provides students with opportunities to demonstrate their proficiency in each of the three modes in the intermediate to pre-advanced range as described in the ACTFL Performance Guidelines for K-12 Learners. Students who enroll in this course should already have a good command of the grammar and considerable competence in listening, reading, speaking and writing. Exclusive use of French by teacher and students for active communication is de rigueur in the classroom. Resources from multiple textbooks will be used, as well as a wealth of authentic materials that are in accordance with those suggested on the College Board website. **Students are expected to take the AP French Language and Culture exam at the end of this course.**

**#0490 Italian 1**
Grades 9-12 / Full Year Course - 2.0 credits
NCAA approved course

This course introduces students to the fundamental concepts of the Italian language and culture. Communication in Italian is developed through the four language skills of speaking (interpersonal and presentational modes), listening and reading (interpretive mode) and writing (interpersonal and presentational modes). Oral proficiency activities, dialogues, and readings develop those skills and present the unique aspects of Italian culture. Students will engage actively and cooperatively in classroom activities which include guided speaking, listening, reading and writing activities within cultural and thematic units. Technology enhances and intensifies the students' listening and speaking ability in the target language.

**#0491 Italian 2**
Grades 10-12 / Full Year Course - 2.0 credits
*Prerequisite*: Italian 1
NCAA approved course
This course is a continuation of Italian 1. In the second year, students will continue to be engaged actively and cooperatively in classroom activities. Students continue to develop the four skills in the three modes of communication (presentational, interpersonal, and interpretive) and expand their knowledge of Italian culture. In addition to the text, songs, films, compositions, and dialogues are among the many ways in which new vocabulary, culture and structures are learned. Technology enhances and intensifies the students listening and speaking ability in the target language.

**#0494 Italian 2 Honors**
Grades 10-12 / Full Year High Weighted Course - 2.0 credits
*Prerequisite: Italian 1, with a grade of "A" or instructor recommendation*
NCAA approved course

This course is a continuation of Italian 1 but with an accelerated pace and an emphasis on oral expression and comprehension. Students continue to develop the four skills in the three modes of communication (presentational, interpersonal, and interpretive) and expand their knowledge of Italian culture. In addition to structural and vocabulary development, students will read and interpret readings, realia and other audio-visual material selected by the instructor. Students will engage in conversations, write short compositions and participate in cultural activities. Technology enhances and intensifies the students listening and speaking ability in the target language.

**#0492 Italian 3**
Grades 11-12 / Full Year Course -2.0 credits
*Prerequisite*: Successful completion of Italian 2
NCAA approved course

Students in Italian 3 develop a higher degree of proficiency in understanding, speaking, reading and writing in the target language and continue to demonstrate it in the three modes of communication (presentational, interpersonal, and interpretive). The basic text systematically reviews previously taught concepts and presents new structures, vocabulary and culture. In addi-

tion to the text, realia and authentic audiovisual material are consistently used to enhance and broaden the students ability to communicate in Italian. Technology enhances and intensifies the students' listening and speaking ability in Italian.

**#0495 Italian 3 Honors—ACP**
Grades 10-12 / Full Year High Weighted Course - 2.0 York credits, 3.0 Indiana University credits
*Prerequisite*: Successful completion of Italian 2H
NCAA approved course

Advanced College Project (ACP) courses allow students to earn high school credit and college credit though Indiana University concurrently. These Advanced courses are honors weighted, and because students receive transcripted credit for Italian through IU, there are additional steps needed to enroll: students must apply for acceptance into these courses, so please refer to the dual credit section of the course offering book for additional information. This course is a continuation of Italian 2 Honors, but aims to a higher level of proficiency and self-expression in Italian in all four skills of language learning which continues to be demonstrated and assessed in all three modes of communication (presentational, interpersonal, and interpretive). Activities include speaking and written projects, small group work, written compositions, readings, and an in-depth study of several cultural topics. These include a survey of real-life situations like finding housing, getting around Italy, transportation, and travel while acquiring a solid background of Italian geography, art and music. Authentic readings, multimedia material and realia as well as technology enhance the course and the students' experience.

**#0493 Italian 4**
Grade 12 / Full Year High Weighted Course - 2.0 York credits, 3.0 Indiana University credits
*Prerequisite*: Successful completion of Italian 3 or 3H
NCAA approved course

Advanced College Project (ACP) courses allow students to earn high school credit and college credit though Indiana University concurrently. These Advanced courses are honors weighted, and because students receive transcripted credit for Italian through IU, there are additional steps needed to enroll: students must apply for acceptance into these courses, so please refer to the dual credit section of the course offering book for additional information. In this course, students continue to refine their abilities to converse and express themselves in Italian in written and oral form as well as reading authentic materials while increasing their active vocabulary and understanding of Italian. Students aim to communicate their thoughts, feelings and ideas in Italian in interpersonal, intrapersonal and presentational communicative settings. A wide variety of authentic audiovisual material, realia, and technology continue to be present, helping students to communicate in Italian and increase their cultural knowledge of Italy and Italians.

**#0432 AP Italian Language and Culture—ACP**
Grade 12 / Full Year High Weighted Course - 2.0 York credits, 3.0 Indiana University credits
*Prerequisite*: Successful completion of Italian 3 or 3H
NCAA approved course

Advanced College Project (ACP) courses allow students to earn high school credit and college credit though Indiana University concurrently. These Advanced courses are honors weighted, and because students receive transcripted credit for Italian through IU, there are additional steps needed to enroll: students must apply for acceptance into these courses, so please refer to the dual credit section of the course offering book for additional information. This course is designed to further enhance and refine students' proficiency in Italian Language and culture. Course objectives and goals incorporate the requirements Indiana University's Intermediate Italian by focusing on the three modes of communication: interpersonal, presentational and interpretive. The materials that are used in the course include but are not limited to the textbook *Immagina*, a variety of authentic print and audio texts, and technology. Course objectives and goals are guided by several real-world themes where students are exposed to advanced language structures and concepts that will aid in increasing their proficiency. Italian is the primary language used by the students and the instructor.

**#0470 Spanish 1**
Grades 9-12 / Full Year Course - 2.0 credits
*Exempt*: Students that complete the middle school Spanish program are not eligible to take this course.
NCAA approved course

This course is designed for students that are taking Spanish for the first time, or have not successfully completed the middle school Spanish language sequence. Students will learn through the use of a variety of authentic materials. Students will have the opportunity to learn introductory vocabulary themes and language structures. Hispanic culture is included as well by way of discussion, readings, and audio-visual materials.

**#0480 Spanish 2**
Grades 9-12 / Full Year Course - 2.0 credits
*Prerequisite*: Completion of Spanish 1 or the 3 year Middle School sequence with a passing grade. A placement test, rubric and teacher recommendations are used to place students.
NCAA approved course

Students will focus on basic reading, writing, listening

and speaking skills through the use of authentic materials. Students will be exposed to cultural units and geography through a movie unit and a short novel. Students will also practice vocabulary and grammar structures to improve their foundational skills.

**#0477 Spanish 2 Honors**
Grades 9-12 / Full Year High Weighted Course—2.0 credits
*Prerequisites*: Successful completion of Spanish 1 or Middle School sequence. Placement is made using the placement rubric.
NCAA approved course

This course is a continuation of Spanish 1, at an accelerated pace, with an emphasis on the three modes of communication. Through the use of a variety of authentic sources, students increase their vocabulary and strengthen their knowledge of basic language structures. Course goals and objectives support their ability to communicate in the language using a variety of multi-media materials such as: a reader, short stories, video series, and articles. Students are continuing to explore the culture of various Hispanic countries. Spanish is the primary language of communication in the classroom.

**#0485 Spanish 3**
Grades 10-12 / Full Year Course - 2.0 credits
*Prerequisite*: Successful completion of Spanish 2
NCAA approved course

This course is a continuation of Spanish 2 There is an emphasis on oral and written communication in order to enhance student ability in the Spanish language. Students are exposed to a variety of authentic materials which include texts, articles, videos, and short stories. The course includes several themes and units related to storytelling, sharing opinions, immigration, and current cultural events.

**#0478 Spanish 3 Honors—ACP**
Grades 10-12 / Full year full year high weighted course - 2.0 York credits, 3.0 Indiana University credits
*Prerequisite*: Successful completion of Spanish 2H
NCAA approved course

Advanced College Project (ACP) courses allow students to earn high school credit and college credit though Indiana University concurrently. These Advanced courses are honors weighted, and because students receive transcripted credit for Spanish 200 through IU, there are additional steps needed to enroll: students must apply for acceptance into these courses, so please refer to the dual credit section of the course offering book for additional information.

This course is a continuation of Spanish 2 Honors. Students will be exposed to authentic resources, in addition to their textbook. Students continue focusing on all four language skills: listening, speaking, reading and writing. Students are fully immersed in the language through the use of a Spanish video series, short stories, novels, and thematic vocabulary and grammar units. Students will continue to gain an appreciation and understanding of various Hispanic cultures.

**#0488 Spanish 4**
Grades 11-12 / Full Year Course - 2.0 credits
*Prerequisite*: Successful completion of Spanish 3 or Spanish Heritage 2
NCAA approved course

This course is a continuation of Spanish 3 with further emphasis on the three modes of communication. The materials used in this course include but are not limited to the textbook Imagina, a variety of authentic print, audio, and video, as well as technology. Course objectives and goals are guided by several real-world themes such as communication, family, city-life, relationships, the environment and art.

**#0489 Spanish 4 Honors—ACP**
Grades 11-12 / Full Year High Weighted Course - 2.0 York credits, 3.0 Indiana University credits
*Prerequisite*: Successful completion of ACP Spanish 3H or Spanish Heritage 2H
NCAA approved course

Advanced College Project (ACP) courses allow students to earn high school credit and college credit though Indiana University concurrently. These Advanced courses are honors weighted, and because students receive transcripted credit for Spanish 250 through IU, there are additional steps needed to enroll: students must apply for acceptance into these courses, so please refer to the dual credit section of the course offering book for additional information.

This course is a continuation of ACP Spanish 3H. This course is designed to further enhance student's proficiency in the three modes of communication. This course also strives to prepare students for the Spanish AP course that will be take the following year. The materials that are used in the course include but are not limited to the textbook Revista, a variety of authentic print and audio texts, and technology. Course objectives and goals are guided by several real-world themes where students are exposed to advanced language structures and concepts that will aid in refining their skills in the three modes of communication. Spanish is the primary language used by the students and the instructor.

**#0472 Spanish 5**
Grade 12 / Full Year Course - 2.0 credits
*Prerequisite*: Successful completion of Spanish 4 NCAA

approved course. This is an advanced course conducted entirely in Spanish, designed to develop fluency of communication with increased linguistic accuracy. The goals of this course are mastery of oral and written expression as well as refining reading and listening skills in Spanish while deepening insight into Spanish – speaking culture. The activities include the combination of rich and thought-provoking content with the latest multimedia and Web technologies. Students will view short films and documentaries, and will read cultural readings and authentic literature. Students will continue their study of vocabulary and advanced grammar topics as well. Activities and assessments will practice and test the students' proficiency and content acquisition.

**#0469 AP Spanish Language**
Grade 12/Full Year High Weighted Course - 2.0 credits
*Prerequisite:* Successful completion of Spanish 4H
NCAA approved course

This course is designed to further enhance and refine students' proficiency in Spanish Language and culture. Course objectives and goals incorporate the requirements of the AP Spanish Language and Culture Exam by focusing on six overarching themes that are at the heart of real-world communication. Students experience authentic language and culture through engaging texts and multimedia materials from all over the Spanish-speaking world. Students are exposed to advanced language and concepts and work to refine all four skills of the language in preparation for the AP exam in May. Spanish is the primary language used in the course.

**#0457 Spanish Heritage 1 Honors**
Grades 9-12 / Full Year High Weighted Course - 2.0 credits
*Prerequisite:* High fluency in Spanish. Placement is made using the placement rubric.
NCAA approved course

This full year course is designed for students who consider themselves native speakers and are fluent in spoken Spanish and would like to improve their reading, writing and grammatical skills. Students will refine these skills through the study of Hispanic literature, history and geography. In addition, students will study Hispanic culture and its place within the context of the United States, as well as maximize students' inherent bilingualism as a resource through active comparison of Spanish and English. Because it is an honors course, Spanish Heritage 1 Honors will demand a high standard of academic performance, motivation, and work ethic.

**#0459 Spanish Heritage 2 Honors**
Grades 10-12 / Full Year High Weighted Course - 2.0 credits **Dual Credit - College of DuPage SPANI-2206 - 8 credit hours**
*Prerequisite:* Successful completion of Spanish Heritage 1 Honors.
NCAA approved course

This course is a continuation of Spanish Heritage 1 with a greater focus on reading and writing. Students will read short stories and prose of Spanish speaking writers from across the Spanish speaking world. Great emphasis is placed on multiple writing styles. Because it is an honors course, Spanish Heritage 1 Honors will demand a high standard of academic performance, motivation, and work ethic.

**#0459 Spanish Heritage 3 Honors**
Grades 11-12 / Full Year High Weighted Course - 2.0 credits **Dual Credit - College of DuPage SPANI-2208 - 8 credit hours**
*Prerequisite:* Successful completion of Spanish Heritage 2 Honors.
Pending NCAA approval

This course is a continuation of Spanish Heritage 2 Honors with a greater focus on reading and writing. Students will read a novel, short stories and prose by Spanish-speaking writers from across the Spanish-speaking world. Emphasis is placed on multiple writing styles. Comparative analysis of English and Spanish grammar will supplement text study. Because it is an honors course, Spanish Heritage 3 Honors will demand a high standard of academic performance, motivation, and work ethic. This course is a dual credit offering through our partnership with the College of DuPage.

## BILINGUAL AND ENGLISH LANGUAGE LEARNERS COURSES

English Language Learners (ELLs) are students who need support acquiring English while learning academic content.

**#9809 ELL Resource**
Grades 9-12 – Full Year Course or 1 Semester - .5 credit per semester (repeatable)
*Prerequisite:* Enrollment in the ELL Program

The primary focus of this course is to provide students enrolled in the ELL Program with language and academic support in completing content-area assignments and assessments. There is an emphasis on study skills, self-monitoring, self-advocacy, time management, and goal-setting.

## ELL ENGLISH

**#0007 Bilingual Language Arts 9**
Full Year Course – 2.0 credits
*Prerequisite*: Enrollment in the ELL Program.

Course Description: In this course, Bilingual Language Arts 9 students refine their reading, writing, listening, and speaking skills while examining inquiry questions regarding tolerance, friendship, and social responsibility. Students also work to construct a more sophisticated understanding of characterization and character development, the levels and dimensions of setting, and authorial and narrative point of view. Students experience and analyze a variety of texts, ranging from novels and plays to poetry and non-fiction in an effort to develop a greater understanding of the text and the world. Instruction and course materials will be provided in Spanish.

**#9811 ELL Skills for Content Classes**
Grades 9-12 / Full Year Course – 2.0 credits (repeatable)
*Prerequisite:* Enrollment in the ELL Program; taken concurrently with Beginning ELL; may be taken in conjunction with Intermediate ELL

This course emphasizes content-area academic vocabulary and study skills for students who are limited in their knowledge of English. Course material will be drawn from the academic content-area courses required for graduation. Study skills necessary for success in the American high school system will be emphasized. Students will receive English credit toward graduation.

**##9801 ELL (Beginning)**
Grades 9-12 / Full Year Course – 2.0 credits (repeatable)
*Prerequisite:* Enrollment in the ELL Program

This course emphasizes basic English skills for students who do not speak English, or who are limited in their knowledge of the language. Skills in the four domains of language (speaking, listening, reading and writing) will be taught, focusing on functional and academic vocabulary, grammar and oral skills. Students are introduced to American culture and encouraged to discuss their own cultural traditions. This course is designed to help English language learners begin their transition to the English-speaking world and help them adjust to the American high school system.

**#9803 ELL (Intermediate)**
Grades 9-12 / Full Year Course – 2.0 credits (repeatable)
*Prerequisite:* Enrollment in the ELL Program; successful completion of Beginning ELL and/or a composite ACCESS score of 2.3 or higher

This course emphasizes development of academic English skills for students who are limited in their knowledge of the language but have attained basic skills. Skills in the four domains of language (speaking, listening, reading and writing) will be taught, focusing on academic vocabulary, grammar, oral presentations, fiction and non-fiction reading and paragraph writing. This course is designed to help English language learners continue the development of their English language skills while integrating into the American high school system.

**#9805 ELL (Advanced I)**
Grades 9-12 / Full Year Course – 2.0 credits (repeatable)
*Prerequisite:* Enrollment in the ELL Program; successful completion of Intermediate ELL

This course emphasizes continued development of academic English skills for students who are not yet totally proficient in English. Skills in the four domains of language (speaking, listening, reading and writing) will be taught, focusing on academic vocabulary, grammar, reading and discussing authentic grade-level literature, and essay writing. This course is designed to help English language learners further the development of their English language skills and integration into the American high school system.

**#9807 ELL (Advanced II)** (repeatable)
Grades 9-12 / Full Year Course – 2.0 credits
*Prerequisite:* Enrollment in the ELL Program; successful completion of Advanced ELL

This course emphasizes the fined-tuning of academic English skills for students who will move into mainstream English courses within the next school year. Skills in the four domains of language (speaking, listening, reading, and writing) will be taught, focusing on enhanced vocabulary and grammar usage, and further practice with reading and discussion of authentic grade level literature, and essay writing. This course is designed to help English language learners fine-tune the development of their English language skills and further integrate into the American high school system.

## ELL SOCIAL STUDIES

**#0123 World Studies**
Grade 9 / Full Year Course – 2.0 credits
*Prerequisite:* Students must be enrolled in the ELL program
NCAA approved course

ELL World Studies is a foundational social studies course that introduces students to their world through the blend of a historical approach and a look at 21st century global issues that impact the international community. The course is framed primarily around the history of western civilization, yet addresses the historical and cultural relevance of other regions of the world. In addition, the course offers students the opportunity to examine modern day global challenges that are thematically linked to the historical content they have learned. Development of

critical thinking skills and of the four language domains (reading, writing, speaking and listening), in the context of the social studies, will be emphasized. *This course fulfills the World Studies graduation requirement for ELL students.*

*Rationale:* ELL students will be receiving instruction of content that is comparable to mainstream students; however, the language of instruction will be sheltered so that it is more accessible to students who are still acquiring general and academic English skills.

**#0125 Bilingual World Studies**
Grade 9 / Full Year Course – 2.0 credits
*Prerequisite:* Students must be enrolled in the ELL program

Bilingual World Studies is a foundational social studies course that introduces students to their world through the blend of a historical approach and a look at 21st century global issues that impact the international community. The course is framed primarily around the history of western civilization, yet addresses the historical and cultural relevance of other regions of the world. In addition, the course offers students the opportunity to examine modern-day global challenges that are thematically linked to the historical content they have learned. Instruction will be in Spanish. Development of critical thinking skills and of the four language domains (reading, writing, speaking and listening), in the context of the social studies, will be emphasized. *This course fulfills the World Studies graduation requirement for ELL students.*

*Rationale:* ELL students will be receiving instruction of content that is comparable to mainstream students; however, the language of instruction will be Spanish so that it is more accessible to students who are still acquiring general and academic English skills.

**#0124 American Government**
Grade 10 / 1 Semester – 1.0 credit
*Prerequisite:* Students must be enrolled in the ELL program
NCAA approved course

American Government is the second course in the social studies core course sequence. It provides a blend of political science, government and civic curricular goals. In practical ways, students learn about the constitutional structure and behavioral trends in the American political system. Areas of study include political ideology, the electoral process, policymaking, constitutional interpretation and the analysis of current events. A special focus is placed on fostering an individual sense of civic duty and pride. In addition, this course emphasizes the frequent use of higher order thinking skills in its examination of the American system of government and strives to cultivate in students a nuanced, analytical mindset. Development of research skills and of the four language domains (reading, writing, speaking, and listening), in the context of the social studies, will be emphasized. *This course fulfills the American Government graduation requirement for ELL students as well as the state mandated U.S. and Illinois Constitution tests.*

*Rationale:* ELL students will be receiving instruction of content that is comparable to mainstream students; however, the language of instruction will be sheltered so that it is more accessible to students who are still acquiring general and academic English skills.

**#0127 Bilingual American Government**
Grade 10 / 1 Semester – 1.0 credit
*Prerequisite:* Students must be enrolled in the ELL program
NCAA approved course

Bilingual American Government is the second course in the social studies core course sequence. It provides a blend of political science, government and civic curricular goals. In practical ways, students learn about the constitutional structure and behavioral trends in the American political system. Areas of study include political ideology, the electoral process, policymaking, constitutional interpretation and the analysis of current events. A special focus is placed on fostering an individual sense of civic duty and pride. In addition, this course emphasizes the frequent use of higher order thinking skills in its examination of the American system of government and strives to cultivate in students a nuanced, analytical mindset. Instruction will be in Spanish. Development of reading, writing, speaking, listening and research skills, in the context of the social studies, will be emphasized. *Successful completion of this course fulfills the state mandated U.S. and Illinois Constitution tests.*

*Rationale:* ELL students will be receiving instruction of content that is comparable to mainstream students; however, the language of instruction will be Spanish so that it is more accessible to students who are still acquiring general and academic English skills.

**#0126 United States History**
Grade 11 / Full Year Course – 2.0 credits
*Prerequisite:* Students must be enrolled in the ELL program
NCAA approved course

ELL United States History is the culminating course in

the social studies core course sequence. It offers students a thought-provoking survey of the nation's history, with opportunities in each unit to study in more depth the events, issues or other historical phenomena of special significance in the American narrative. Students will make connections between events of the past and their ongoing impact on the near-present, thus developing a context for their emerging sense of civic responsibility. This course emphasizes the frequent use of higher order thinking skills in its approach to studying history and strives to foster in students a nuanced, analytical mindset. Development of research skills and of the four language domains (reading, writing, speaking and listening), in the context of the social studies and in preparation for college, will be emphasized. *This course fulfills the United States History graduation requirement for ELL students.*

*Rationale:* ELL students will be receiving instruction of content that is comparable to mainstream students; however, the language of instruction will be sheltered so that it is more accessible to students who are still acquiring general and academic English skills.

## ELL MATH

**#0315 Bilingual Math**
Full Year Course - 2.0 credits
*Prerequisite*: Placement by recommendation

Bilingual Math is a mathematics course designed for native Spanish speakers who have limited background in formal educational settings. Topics include operations with whole numbers, fractions, decimals, and signed numbers.

*Rationale*: The curriculum provides necessary mathematics background for these students. The language of instruction will be Spanish so that it is more accessible to students who are still acquiring general and academic English skills.

**#0314 ELL Math**
Full Year Course - 2.0 credits (repeatable)
*Prerequisite*: Placement by recommendation

ELL Math is a mathematics course designed for nonnative speakers of English who have limited background in formal educational settings.

*Rationale*: The curriculum provides necessary mathematics background for these students and also builds their English competence in the kind of language they specifically need to succeed in mathematics classes.

**#0311 Algebra A**
Full Year Course - 2.0 credits.
*Prerequisite*: Placement by recommendation

This is the first course in a two-year sequence that covers algebra. It is intended for students with limited English proficiency. Algebra A uses the tools of variables, symbols and graphs to explore patterns and relationships. Course topics include integers, variables and equivalent expressions, the solution of first degree linear equations and inequalities, ratios and proportionality, equations of lines, and data analysis. There is an emphasis on enhancing students' ability to communicate mathematically. A TI-83/84 graphing calculator is required.**

*Rationale***:** The pace of Algebra A and Algebra B provide an opportunity for students to build the algebra foundation necessary for success in advanced algebra, college, and careers. ELL Algebra A helps students develop the academic language proficiency necessary for further coursework.

**#0316 Algebra B**
Full Year Course - 2.0 credits.
*Prerequisite*: Placement by recommendation
This course is approved by NCAA for on-half year of math. Completion of ELL Algebra A & B will be deemed as one year of math under NCAA guidelines.

This is the second course in a two-year sequence that covers algebra. It is intended for students with limited English proficiency. Algebra B topics include solving second degree equations, operations with polynomials, factoring, properties of exponents and exponential growth, and systems of equations. A graphing calculator from the TI-83/84 family is required.**

*Rationale*: The pace of Algebra A and Algebra B provide an opportunity for students to build the algebra foundation necessary for success in advanced algebra, college, and careers. ELL Algebra A helps students develop the academic language proficiency necessary for further coursework.

**#0313 Algebra AB**
Full Year Course - 2.0 credits
*Prerequisite*: Placement by recommendation

Algebra AB uses the tools of variables, symbols and graphs to explore patterns and relationships. Course topics include equivalent expressions, solving first and second degree equations, operations with polynomials, factoring, properties of exponents and exponential growth, and systems of equations. There is an

emphasis on enhancing students' ability to communicate mathematically. A TI-83/84 graphing calculator is required.**

*Rationale*: Algebra AB begins the most typical path of mathematics courses required for careers and college admission. ELL Algebra AB helps students develop the academic language proficiency necessary for further coursework.

**#031B Bilingual Algebra (Spanish)**
Full Year Course - 2.0 credits
NCAA approved course

Bilingual Algebra uses the tools of variables, symbols, and graphs to explore patterns and relationships. Course topics include equivalent expressions, solving first and second degree equations, equations of lines, operations with polynomials, factoring, properties of exponents and exponential growth, and systems of equations. A graphing calculator from the TI-83/84 family is required.** Instruction and course materials will be provided in Spanish. This course begins the most typical path of mathematics courses required for college admission and future careers. Having the course taught in Spanish allows students to move forward with learning mathematics while their English skills develop.

**#033B Bilingual Geometry (Spanish)**
Full Year Course - 2.0 credits
NCAA approved course
*Prerequisite:* Algebra
NCAA approved course

By studying geometry students learn to see relationships and patterns in the world around them and to use proof to establish the validity of their observations. Course topics include points, lines, angles, parallel lines, congruence, polygons, triangles, circles, three-dimensional solids, areas and volume, similarity, and right triangle trigonometry. Transformations, coordinate geometry, and the Geometer's Sketchpad are tools that will be used in investigating figures. Emphasis is placed on applications of geometry and developing the ideas of justification and proof. A graphing calculator from the TI-83/84 family is required.** This course continues the most typical path of mathematics courses required for college admission and future careers. Having the course taught in Spanish allows students to move forward with learning mathematics while their English skills develop.

**#035B Bilingual Advanced Algebra/Trig (Spanish)**
Full Year Course - 2.0 credits
*Prerequisite:* Geometry
NCAA approved course

This course extends the study of algebra begun in Bilingual Algebra. Familiar topics such as equations, exponents, graphs, systems of equations and polynomials are studied in more depth. New concepts include variation, sequences, matrices, transformations of functions and graphs, exponential and logarithmic functions, trigonometry, and quadratic functions. The trigonometry of right triangles is extended to general triangles and the unit circle. Throughout this course there is a strong emphasis on applications of mathematics. A graphing calculator from the TI-83/84 family is required.**

*Rationale:* This course allows students to continue on the most typical path of mathematics courses required for college admission and future careers. Having the course taught in Spanish allows students to move forward with learning mathematics while their English skills develop.

## ELL SCIENCE

**#0232 Bilingual Biology**

Full Year Physical Science Course - 2.0 credits
*Prerequisite*: Placement by recommendation
NCAA approved course

Biology is the study of living things. In this lab-based course students examine the concepts of cells, heredity, evolution, the interdependence of organisms, organization within and among living things and the behavior of organisms. Students develop an understanding of what can be observed in the natural world and through scientific experimentation. Animal dissection may be integrated into the laboratory component. Rationale: This course is part of the general sequence that prepares students for college. Instruction and course materials will be provided in Spanish. This course is designed for freshmen whose home language is Spanish. The Next Generation Science Standards (NGSS) will be used to guide the development of the course and objectives.

**#023L Biology**
Full Year Life Science Course - 2.0 credits
*Prerequisite*: Placement by recommendation
NCAA approved course

Students investigate living organisms, cellular activities, biological evolution, genetics and ecology. A large portion of class time is devoted to hands-on work and student activities. Animal dissections may be integrated into the laboratory component. This can be a first or second high school science course and satisfies the graduation requirement for a life science course. Biology helps students develop the academic language proficiency necessary for further coursework.

**#025L Chemistry**

Full Year Physical Science Course - 2.0 credits
*Prerequisite*: Placement by recommendation
NCAA approved course

Connections are made between what can be observed in the world around us, and how that relates to the world of atoms and molecules, which we can't see. Students examine the structure of matter and the changes it undergoes. Careful attention is given to helping students understand the symbols that represent these things in formulas, calculations, and structural drawings. This can be a first or second high school science course and satisfies the graduation requirement for a physical science course. Chemistry helps students develop the academic language proficiency necessary for further coursework.