

# York Community High School

## Course Offering Book

### Supplement 2017-18

This supplement to the 2017-18 Course Offering Book contains all of the changes made to York courses since last year's Course Offering Book was published.



# Course Modifications

## **#0047 Speech 101 H**

The name of this course has been changed to Rhetoric 101H.

## **#0083 Advanced Journalism**

This course is not NCAA approved.

## **#0196 World Religions**

This course is now available for students in Grades 10-12.

## **#0290 Fundamentals of Sports Medicine**

The name of this course has been changed to Anatomy and Physiology for Sports.

## **#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 through Indiana University concurrently. These Advanced courses are honors weighted, and because students receive transcribed 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.

## **#0493 Italian 4**

Grades 12 / Full Year Course -2.0 credits

*Prerequisite:* Successful completion of Italian 3  
NCAA approved course

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.

## **#0556 Advanced Construction**

Grades 10-12 / Full Year—2.0 credit

*Prerequisite:* Wood Technology 1 and Drafting for Construction

This course replaces both Intro to Construction (#0566) and Home Maintenance (#0567). 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.

## **#0571 Technical Drafting / CAD**

The name of this course has been changed to Drafting for Construction.

## **#0578 Engineering Drafting Honors**

Grades 10-12 / Full Year High Weighted Course — 2.0 credits

*Prerequisite:* Technical Drafting/CAD

This course replaces Engineering Drafting / CAD (#0573) and 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.

## **#0581 Graphic Arts 1**

The name of this course has been changed to Graphic Communications 1.

## **#0582 Screen Printing Tech**

The name of this course has been changed to Multimedia Print & Design.

### **#0583 Graphic Arts 2**

The name of this course has been changed to Graphic Communications 2.

### **#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.

### **#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

### **#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

### **#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.

### **#3118 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.

### **#3148 Understanding Human Behavior**

The name of this course has been changed to Psychology.

### **#3205 Science Survey**

The name of this course has been changed to Applications of Environmental Science.

### **#39YA Academic Essentials**

The course has been changed to have both freshman-sophomore sections (#3901) and junior-senior sections (#3902).

### **#39GS Study Methods**

The course has been changed to have both freshman-sophomore sections (#3912) and junior-senior sections (#3914).

### **#4032 SEL Support**

The course has been changed to have both freshman-sophomore sections (#4033) and junior-senior sections (#4034).

### **#4335 Geometry**

The name of this course has been changed to Geometry C, new course #4347.

## **New Courses**

### **#0006 Technical Writing H**

Grade 12 / One Semester High Weighted Course  
1.0 HS credit / **DUAL CREDIT PENDING**  
*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.

### **#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.

### **#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.

### **#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.

*Rationale:* 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.

### **#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 PENDING 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 Gamespace: 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.