

# New Courses @ York 2019-2020

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PTSA Presentation  
10/16/18



# Course Selection Timeline for 2018-19

- October 10th--Introduce Course selection to Freshmen and Sophomores, reviewing or creating their 4-year plan.
- October 26th--During 3rd hour, all juniors will have a presentation by counselors about course selection.
- October 29th--the window opens for freshmen to enter their courses online through PowerSchool. The window closes on November 9th. See [video](#) and [user guides](#).
- November 12th--Juniors begin course selection and continue through November 20th.

# Course Selection Timeline for 2018-19

- November 26th--Sophomores begin course selection and continue through December 4th.
- November 28th--8th grade Academic / Activity Night at 7PM
  - Incoming 9th grade students will have had their core courses uploaded into PowerSchool based on the course selection criteria published on August 15th on the York website.
- December 5th--Freshman meet with their counselors regarding their selections in PowerSchool through December 14th.
- January 15th--Incoming 8th grade students meet with their counselors regarding their courses and to choose electives through January 23rd.

# Course Selection Timeline for 2018-19

- January 24th--Parents will be sent an email to verify requested courses through PowerSchool, and any schedule changes can be made until February 1st. The administration begins staffing based on student choices entered into PowerSchool.
- February 1st--Staffing due to the district office; at this point, schedule changes will only be made after April 15th, and they will only be based on course availability.

Questions?

# Manufacturing

Manufacturing Technology  
(Honors/Dual Credit Pending)

Introduction to **CAD**

Advanced Manufacturing  
Technology\*\* (2020-2021)

Computer Numerical  
Control (CNC)  
Manufacturing\*\*  
(2021-2022)

\*\*These courses will be proposed and implemented on a yearly basis, pending approval by the Board of Education.

# Manufacturing

**Manufacturing Technology:** #NEW

**Grades:** 9-12

**1.0 Credit:** Year High Weighted Credit  
(pending Dual Credit Approval)

**Prerequisite:** None

**Dual Credit Pending Approval:** College of  
DuPage (Manufacturing 1151 - Machine Shop  
1 - 3 Semester Hours)

This course fills the **Practical Arts**  
graduation requirement.

Manufacturing Technology is a course designed for students to explore careers in the manufacturing industry. Students will be exposed to lab safety, technical print reading, precision measuring, manual milling and turning, as well as Computer Numerical Control (CNC) machining. This course will be dual credit with COD (pending approval). This course is recommended for students pursuing careers in Engineering and Manufacturing fields.

Pending Board approval

*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.*

# Architecture

Introduction to CAD



Architectural Drafting  
Honors (Dual Credit)



Architectural Drafting  
STEM Applications  
(May be Repeated)



# Introduction to CAD

**Drafting:** #0571

**Grades:** 9-12

**1.0 Credit:** Semester

**Prerequisite:** None

This course fills the **Practical Arts** graduation requirement.

This is a beginning level course in Computer-Aided Drafting design. Students will be exposed to Technical Drafting, Architectural Drafting and 3-D Modeling. Utilizing CAD software students will learn how to create and read basic architectural plans and technical drawings. Modeling software will be used to develop three dimensional models. Students will learn skills that connect to the fields of Architecture, Construction, Engineering, and Manufacturing.

This course serves as the prerequisite for Architectural Drafting Honors.

# Engineering

Introduction to **Engineering Design**  
(PLTW)

Introduction to **CAD**

**Principles of Engineering \*\***  
(PLTW)  
(Replaces Engineering Drafting  
CAD in 2020-2021)



**Engineering Drafting STEM**  
**Applications (May be**  
**Repeated)**

**\*\*These courses will be proposed and implemented on a yearly basis, pending approval by the Board of Education.**

# Introduction to Engineering Design (PLTW)

**Introduction to Engineering Design:** #TBD

**Grades:** 9 - 12

**2.0 Credit:** Year

**Prerequisite:** none

This course fills the **Practical Arts** graduation requirement.

Engineers make a world of difference! In this class students are introduced to the engineering design process, applying math, science and engineering standards to identify and design solutions to a variety of real problems. Students will work both individually and in collaborative teams to develop and document design solutions using engineering notebooks and 3D modeling software. This course is part of the Project Lead The Way Program. More information on PLTW can be found at <https://www.pltw.org/>

# INCubator

**Business INCubator:** #0781

**Grades:** 10-12

**2.0 Credits:** Year High Weighted Credit

**Prerequisite:** There is no prerequisite

This course fills the **Practical Arts**  
graduation requirement

In the Business Incubator course students will have the opportunity to become entrepreneurs. Students will develop their own product or service as they learn about ideation, market research and how to develop a business plan. Throughout the year students will also learn about marketing, accounting, human resources and the legal aspects of running a business. Entrepreneurs and business experts from the community will serve as coaches and mentors as students develop and pitch their business to a team of potential investors.

# Human Geography / AP Human Geography

Maps and geographic information systems (GIS) are fundamental to the discipline, and learning to use and think about them is critical to geographical literacy:

- Students will learn to recognize and interpret patterns and assess the nature and significance of the relationships among cultures, politics and economics.
- Students should understand that the phenomena they are studying at one scale (e.g., local) may well be influenced by processes and developments at other scales (e.g., global, regional, national, state or provincial).
- Students should see regions as objects of analysis and exploration and move beyond simply locating and describing regions to considering how and why they come into being and what they reveal about the changing character of the world in which we live.
- Lastly, individuals should view places and patterns not in isolation but in terms of their spatial and functional relationship with other places and patterns.

# World History Honors

Is history the biography of great people? What are the ingredients of a successful revolution? Intriguing questions like these will be addressed in World History Honors: Case Studies.

In this History course, students will approach global history through case studies that explore timeless thematic issues, rather than following a strict chronology. Each unit will include opportunities for student choice and independent research. By following such a model, students will be able to develop an understanding of human nature across time and place, and they will explore trends from a variety of civilizations and peoples.

This course is open to 10th-12th grade students, and it is a great option for sophomores who are seeking an honors option to pair with AP US Government.

# Math Programming Changes

- We will no longer be running Algebra A; instead, we will have co-taught Algebra AB sections.
  - Next year will be the final year of Algebra B; consequently, Algebra AB will be renamed to Algebra 1.
- We will no longer be running freshmen-only sections beginning next year.
  - For example, incoming freshmen who have taken Algebra in middle school will take either Geometry or Geometry Honors in sections that will also include sophomore students.

# Special Education Programming Changes

- We will no longer be running Academic Essentials or Study Methods; instead, we will have Guided Study Hall.
  - This change also eliminates the year-long vs. semester-only scheduling issues, and it allows for a more streamlined progress monitoring system.
  - This class is designed to support students who have IEP goals related to reading, math, writing, executive functioning, and/or transition.
  - Students will participate in interventions, progress monitoring, transition planning, study skills, and/or homework support.
  - Students will review their IEP and self-monitor progress on their IEP goals.



# AP vs. ACP vs. American Studies...

The most asked question...which one is the easiest. The answer...they are all challenging courses with a unique look at US History:

- AP: covers the entirety of US history, and it prepares students to take the AP exam: DBQ's, long essays, short essays and multiple choice.
- ACP: two semester college courses with college-level research and writing.
- American Studies: a cross-curricular look through a Humanities lens.