Welcome to Downingtown East!
Course Levels

- Level 2 courses are designed for students who read below grade level.
- Level 1 courses are college preparatory courses.
- Honors courses are rigorous, in-depth study through interpretation, application, analysis and synthesis of course concepts.
- AP courses are college level courses designed for students who are highly motivated, work independently, and have obtained a high level of expertise in the subject matter.
Proposed 2015-2016 Advanced Placement Courses

- AP English Language and Composition
- AP English Literature and Composition
- AP Human Geography
- AP World History
- AP Psychology
- AP European History
- AP United States History
- AP United States Government and Politics
- AP Macroeconomics
- AP Microeconomics
- AP Calculus AB
- AP Calculus BC
- AP Statistics
- AP Biology
- AP Chemistry
- AP Physics C: Mechanics
- AP Physics C: Electricity & Magnetism
- AP Environmental Science
- AP Spanish Language and Culture
- AP French Language and Culture
- AP German Language and Culture
- AP Latin
- AP Music Theory
- AP Computer Science A
- AP Studio Art Drawing
- AP Studio Art 2Dimensional Art
- AP Studio Art 3Dimensional Art
Major Subject Courses

English

- 9th Grade
  - Level 2
  - Level 1
  - Honors

- 11th Grade
  - Level 2
  - Level 1/Literature of Peace and Conflict
  - Honors
  - AP Language and Composition

- 10th Grade
  - Level 2
  - Level 1/English 10
  - Honors

- 12th Grade
  - Level 2
  - Level 1/Multicultural Literature
  - Honors
  - AP Literature and Composition
  - University Course
Major Subject Courses
Social Studies

- **9th Grade**- African Asian Studies
  - Level 1
  - Honors

- **11th Grade**- US History
  - Level 2
  - Level 1
  - Honors
  - AP US History

- **10th Grade**- Western Civilizations
  - Level 2
  - Level 1
  - Honors
  - AP European History

- **12th Grade**- Government w/ Sociology or Economics
  - Level 2
  - Level 1
  - Honors
  - AP Government w/ Honors Sociology or Economics
Major Subject Courses
Mathematics

- Algebra I
- Geometry (Level 1 or Honors)
- Algebra II (Level 1 or Honors)
- Algebra III/Trigonometry
- Math Analysis (Level 1 or Honors)
- Probability and Statistics
- AP Statistics
- Calculus
- AP Calculus AB
- AP Calculus BC
Major Subject Courses
Science

- Biology (Level 1, Honors, Honors Bio II*, AP*)
- Chemistry (Level 1, Honors, Honors Chem II*, AP*)
- Physics (Level 1, Honors, Honors Physics II*, AP*)
- Environmental Science* (Level 1, Level 2 and AP)

- Introduction to Chemistry and Physics*
- Natural Disasters*
- Biology and Ecology of Aquatic Systems*

*11th and 12th grade courses
Major Subject Courses
World Language

- French (I, II, III, IV, Honors Seminar*, AP**)
- German (I, II, III, IV, Honors Seminar*, AP**)
- Latin (I, II, III, IV, AP**)
- Japanese (I, II)
- Spanish (I, II, III, IV, Honors Seminar*, AP**)

*Honors Seminar 10-12
**AP courses 11, 12
Major Subject Electives

- Publications I & II
- Theatre Arts I & II
- Creative Writing (11-12)
- Contemporary Issues (11-12)
- AP Psychology (10-12)
- AP Economics (10-12)
- AP World History (10-12)
- AP Human Geography (10-12)
Heath and Physical Education

- Wellness and Fitness (9th Grade)
- Health (typically taken in 10th Grade)
- Physical Education Courses:
  - Lifelong Activities
  - Competitive Activities
  - Intro to Strength and Conditioning
  - Strength and Conditioning
  - Advanced Strength and Conditioning (1 credit)
  - Dance
  - Sports Officiating (12th grade)

- Optional Electives: Driver Safety Education (10th-12th grade)
  - Fitness with your Smartphone (11-12th grades)
Electives: Art

- Art Major I, II, & III
- AP Studio Art Drawing, 2D or 3D
- Ceramics & Sculpture I, II, & III
- Digital Design
- Commercial Design & Animation
- Drawing & Painting I & II
- Jewelry
- Textiles and Fashion
- Wearable Art
Electives: Business

- Advanced Digital Information Technologies
- Personal Finance and Career Planning
- Int. Computer Science and Programming
- AP Computer Science A
- Web Page Design
- Intro to Business
- Accounting
- Public Speaking
- Entrepreneurship
- Marketing
- Business and Personnel Law
- Finance and Investment
- Intro to Sports and Entertainment Management
Electives:
Family and Consumer Sciences

- Intro to Foods
- Baking and Confections
- Regional and International Foods
- FACS of Life: Living on Your Own
- Construction Design (I, II, III)
- Child Development
- Adult Roles and Relationships
Electives: Music

- Choir: Mr. Speakman
- Band: Mr. Lewis
- Orchestra: Ms. Weaver

Music Electives:
- Music Appreciation
- Music Theory I
- Music Theory II
- AP Music Theory
Electives: Technology Education

- CAD I, II, III
- Residential Architecture
- Design Architecture
- Electronics I, II, III
- Graphic Arts I, II, III
- Introduction to Manufacturing
- Manufacturing Systems Design
- Digital Photography
- Photography II & III
- Video Applications
- TV Studio
- Honors Intro to Engineering Design
- Honors Principal of Engineering
- Honors Computer Integrated Manufacturing
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Blended Learning – Ivy Academy

What is a blended class??

Blended classes will allow you to be

In a face-to-face class 2 or 3x per cycle

and online the rest of the time!
Benefits of Ivy Academy Course

1. Flexibility
2. Time
3. Technology
4. College Preparation
2014-2015 Blended Courses

- 9-12th Grade Level 1 English
- 10th Grade Level 2 English
- 11th Grade Honors English
- Natural Disasters
- Honors Biology I
- Honors Anatomy and Physiology
- Honors Chemistry I & II
- AP Chemistry
- Physics I
- Environmental Science
- Level 1 and Honors African Asian Studies

- US History
- Latin I, II, III, IV
- Honors Seminar French C
- AP French
- AP Spanish
- CAD I & II
- Electronics II & III
- AP Studio Art 2D
- AP Studio Art Drawing
- Introduction to Foods
- Music Appreciation
Clubs and Activities

- Academic Team
- Art Club
- Best Buddies
- Biology Olympiad
- Black Student Union
- Cheerleading Competition
- Chem Club
- Computer Aided Drafting
- Ice Hockey
- Theatre
- Ecology Club

- FBLA
- French Club
- Gardening Club
- Generation for Change
- German Club
- Girls Star
- Guitar Club
- Hiking Club
- Homework Helpers Club
- Japanese Culture Club
- Latin Club
Clubs and Activities (Cont.)

- Lunch Book Club
- National Honors Society
- Photo Club
- Ping Pong Club
- Pit Orchestra
- Robotics
- Rocket Club
- Science Buddies
- Science Olympiad
- Ski and Snowboarding
- Spanish Club
- Spanish Honor Society
- Special Olympics Volunteer Club
- Speech and Debate Club
- Stage Crew
- String Ensemble
- Student Council
- Teenage Republican Club
- TV Studio Club
- Ultimate Frisbee Club
- Video Applications
- Yearbook
Athletics

**Fall Sports**
- Cheerleading
- Golf
- Football
- Soccer
- Volleyball
- Cross Country
- Field Hockey
- Girls Tennis
- 9th Grade Soccer, Football, Field Hockey

**Winter Sports**
- Indoor Track
- Swimming
- Wrestling
- Basketball
- 9th Grade Boys Basketball

**Spring Sports**
- Baseball
- Track
- Softball
- Boys Tennis
- Lacrosse
Marching Band and Athletics

- Students who play in a Fall sport are typically excused from Marching Band but participate in Concert Band.
  - Cross country and field hockey have been flexible and we have had kids do both the sport and MB.

- If a student doesn't make a team, they are asked to come to MB.
Some Colleges and Universities our 2014 Graduates are attending

- College of Charleston
- Cornell University
- DePaul University
- Dickinson College
- Fashion Institute of Tech
- Harvard University
- James Madison University
- McGill University
- New York University
- Penn State University
- Pratt Institute
- Syracuse University
- Temple University
- Towson University
- University of CO, Boulder
- University of Alabama
- University of Delaware
- University of Michigan
- University of Pittsburgh
- Ursinus College
- Vanderbilt University
- West Chester University