Welcome to QCHS!
Class of 2023
Transition Night and AP/Electives Fair
January 8, 2019
Handouts

- School Profile
- Program of Studies
- Worksheet

9th Grade Program of Study

**Required Core Academic Courses**

**English**
- English A
- English B Honors

**Mathematics**
- Algebra 1
- Algebra 1A
- Algebra 2 Honors
- Geometry
- Geometry Honors

**Physical Education**
- Foundations of Wellness and Fitness (0.5 Credit)

**Science**
- Biology Honors
- General Science

**Social Studies**
- AP Human Geography
- World Cultures and Geography Honors
- World Cultures and Geography

**Arts (Art, Dance, Music & Theater)**
- All students must take 0.5 credits before graduation.

**General Interest Courses**

**World Language**
- German Courses
  - German 1
  - German 2
  - German 3
  - German 3 Honors

- Mandarin Courses
  - Mandarin 1 Honors
  - Mandarin 2 Honors
  - Mandarin 3 Honors

**World Language (continued)**
- Spanish Courses
  - Spanish 1
  - Spanish 2
  - Spanish 3
  - Spanish 3 Honors

**Music**
- AP Music Theory
- Freshman Chorus
- Freshman Symphonic Band
- Freshman Symphonic Band and Freshman Chorus
- Pop, Rock & Jazz (0.5 Credit)
Our Purpose: Career & College Readiness!

To provide information about:
- Who We Are and How to Get Connected
- Educational Programs
- Special Programs
  - UBCTS
  - Advanced Placement (AP)
- Student Schedules & Timeline

- What does “college & career readiness” mean and look like?
College & Career Readiness

- High school is the time for you to make concrete connections between your post-secondary interests and the skills and knowledge needed for those post-secondary interests.
- Post-secondary institutions (colleges, careers, and the military) want to see:
  - Intellectual curiosity and passion (pathways of learning, not simply checking the right boxes)
  - Evidence that you have challenged yourself academically
  - Service to the community, nation, and world
Who We Are:
Get Connected!

- Website www.qcsd.org
  - Daily Announcements
  - Phone and Email Directory
  - Program of Studies (list of courses, graduation requirements, etc.)
- Twitter @OfficialQCHS
- Facebook - “Quakertown Community High School”
Administrative and Counseling Team

Principal - Dr. David Finnerty

Mrs. Camil Culbreath - House Principal Student Last Names A–G
Mr. Jason Magditch - House Principal Student Last Names H–On
Mr. Steve Kimball - House Principal Student Last Names Op–Z
Mr. Juan Soto - Dean of Students

Mr. Doug Detweiler - School Counselor Student Last Names A–De
Mrs. Erica Henry - School Counselor Student Last Names Di–H
Mrs. Brenda Roth - School Counselor Student Last Names I–Mi
Mr. Eric Gozzard - School Counselor Student Last Names Mo–Sa
Mrs. Patty Sabol - School Counselor Student Last Names Sc–Z
What will QCHS be like?

- Large building, with freshman classes concentrated in front of the building
- High expectations and supportive staff
- Electives, AP Courses, and UBCTS
- Clubs, Activities, and Sports
- One year closer to Graduation!
Graduation Requirements

- Successful completion of 24 credits
- Completion of the College and Career Readiness (CCR) Portfolio
- Proficiency on Keystone Exams in Algebra I, Biology, and Literature
# Required Courses - 9th Grade

## Required Core Academic Courses

<table>
<thead>
<tr>
<th>Subject</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>English</strong></td>
<td>- English 9&lt;br&gt; - English 9 Honors</td>
</tr>
<tr>
<td><strong>Mathematics</strong></td>
<td>- Algebra 1&lt;br&gt; - Algebra 1A&lt;br&gt; - Algebra 2 Honors&lt;br&gt; - Geometry&lt;br&gt; - Geometry Honors</td>
</tr>
<tr>
<td><strong>Health</strong></td>
<td>- Health (0.5 Credit)</td>
</tr>
<tr>
<td><strong>Physical Education</strong></td>
<td>- Foundations of Wellness and Fitness (0.5 Credit)</td>
</tr>
<tr>
<td><strong>Science</strong></td>
<td>- Biology Honors&lt;br&gt; - General Science</td>
</tr>
<tr>
<td><strong>Social Studies</strong></td>
<td>- AP Human Geography&lt;br&gt; - World Cultures and Geography&lt;br&gt; - World Cultures and Geography Honors</td>
</tr>
<tr>
<td><strong>Arts (Art, Dance, Music &amp; Theater)</strong></td>
<td>All students must take 0.5 credits before graduation.</td>
</tr>
</tbody>
</table>
What level should my child take?

- Most core courses are available at an honors OR college preparatory (CP) level.
- *Honors require teacher recommendation*
- *AP Human Geography is by invitation*
- Certain courses may be offered in a cyber format.
- Your child’s teachers and counselors can help you decide what is right for your child.
English

English 9  (Mrs. Goodwin, Mrs. Sciarillo, Mrs. Stover)

English 9 College Prep

- Summer Reading Requirement (1 book)
- Reading and Analysis of Texts (author’s craft, intended theme, critical thinking)
- Constructed Response to Texts
- Writing Instruction and Assessment (mechanics, craft, audience awareness)
- Key Texts: *Speak, Of Mice and Men, The Tragedy of Romeo and Juliet, The Five People You Meet in Heaven*

English 9 Honors

- Summer Reading Requirement (*The Book Thief*)
- Extensive Reading and Analysis of More Complex Texts (author’s craft, intended theme, critical thinking, deeper understanding)
- Constructed Response to More Complex Texts
- Writing Instruction and Assessment (mechanics, craft, audience awareness, greater sophistication)
- Key Texts: *The Catcher in the Rye, Purple Hibiscus, To Kill a Mockingbird, The Tragedy of Romeo and Juliet*, additional literature circles and/or independent selections
- Increased Expectations for Work Outside the Class Period
Mathematics

What course should I take?

Depends upon where you are now and where you want to go after graduation.
# Snapshot of Math Pathways

<table>
<thead>
<tr>
<th>8th Grade</th>
<th>Plans</th>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-Algebra 8</td>
<td>College Ready Strong Math</td>
<td>Algebra 1</td>
<td>Geometry AND Algebra 2</td>
<td>Pre-calculus</td>
<td>Statistics or Calculus</td>
</tr>
<tr>
<td></td>
<td>College Ready</td>
<td>Algebra 1</td>
<td>Geometry</td>
<td>Algebra 2</td>
<td>Pre-calculus</td>
</tr>
<tr>
<td></td>
<td>Career Ready</td>
<td>Algebra 1 or Algebra 1A</td>
<td>Geometry or Algebra 1B</td>
<td>Algebra 2 or Geometry</td>
<td>Statistics or Algebra 2 A</td>
</tr>
<tr>
<td></td>
<td>College Ready Strong Math</td>
<td>Geometry AND Algebra 2</td>
<td>Pre-calculus</td>
<td>Calculus</td>
<td>Statistics</td>
</tr>
<tr>
<td></td>
<td>College Ready</td>
<td>Geometry</td>
<td>Algebra 2</td>
<td>Pre-calculus</td>
<td>Statistics or Calculus</td>
</tr>
<tr>
<td></td>
<td>Geometry</td>
<td>Pre-calculus Honors</td>
<td>AP Calculus AB</td>
<td>AP Calculus BC</td>
<td>AP Statistics</td>
</tr>
<tr>
<td></td>
<td>Algebra 2 Honors</td>
<td>Pre-calculus Honors</td>
<td>AP Calculus AB</td>
<td>AP Calculus BC</td>
<td>AP Statistics</td>
</tr>
</tbody>
</table>
Science - General Science 9 (CP)

- A college prep (CP) course with a focus on earth and space science
  - The curriculum is divided into 4 units:
    - Geology
    - Astronomy
    - Meteorology
    - Ecology
  - A minimum of one lab/investigation per week where we explore topics including Earth’s processes, our place in the universe, and the challenge of life on Earth
  - A CP course only; 9th grade honors science is Biology
Science - Biology (Honors)

8th Grade Science Teacher Recommendation

- Accelerated pace and content detail at a high level of rigor requires very high levels of stamina and focus
- Students who take Biology I Honors in 9th grade will be required to independently complete a summer ecology unit before the start of the school year.
- Analysis of Scientific Journal Articles
- Formal Lab Design, Execution and Lab Report Writing
- Assigned Readings and Analysis: Survival of the Sickest

Biology Keystone Exam – May, 2020. Proficient or Advanced score required to complete graduation requirements of QCSD.
1. Introduction: The Geographer’s World
2. A Trip around the World

The following four major units of study will include investigations from many regions of the world. We will examine the pros and cons of various issues as they affect the US and the world.

3. Globalization
4. Population and Development
5. Popular and Traditional Culture
6. Sustainability and the Environment
# Social Studies

## World Cultures - College Prep & Honors

### College Prep
- Current events discussions
- Reading assignments
- Writing assignments and projects

### Honors
- Frequent analysis of current events
- Higher level readings
- Larger writing assignments/projects
This college level course investigates where people live and why they live there. Students who pass the AP Test may earn college credit. The major units of study are:

2. Population and Migration
3. Cultural Patterns and Processes
4. Political Organization of Space
5. Agriculture, Food Production and Rural Land Use
6. Industrialization and Economic Development
7. Cities and Urban Land Use
## Elective Opportunities

### General Interest Courses

#### World Language
- **German Courses**
  - German 1
  - German 2
  - German 3
  - German 3 Honors

- **Mandarin Courses**
  - Mandarin 1 Honors
  - Mandarin 2 Honors
  - Mandarin 3 Honors

#### World Language (continued)
- **Spanish Courses**
  - Spanish 1
  - Spanish 2
  - Spanish 3
  - Spanish 3 Honors

#### Music
- AP Music Theory
- Freshman Chorus
- Freshman Symphonic Band
- Freshman Symphonic Band and Freshman Chorus
- Pop, Rock, & Jazz (0.5 Credit)
### 9th Grade Specialized Interest Courses

<table>
<thead>
<tr>
<th>Elective Opportunities (con’t)</th>
</tr>
</thead>
</table>

**Art**
- AP Art History
- Intro to Art (0.5 Credit)
- 2-Dimensional Art (0.5 Credit)
- Advanced 2-Dimensional Art (0.5 Credit)
- 3-Dimensional Art (0.5 Credit)
- Advanced 3-Dimensional Art (0.5 Credit)
- Digital Design (0.5 Credit)
- Advanced Digital Design (0.5 Credit)

**Business and Information Technology**
- Accounting 1 (0.5 Credit)
- Accounting 2 Honors (0.5 Credit)
- Business Law (0.5 Credit)
- Entrepreneurship (0.5 Credit)
- International Business (0.5 Credit)
- Introduction to Business (0.5 Credit)
- Personal Finance (0.5 Credit)
- Sports Entertainment & Hospitality Marketing (0.5 Credit)
- Web Development and Design (0.5 Credit)

**Computer Science**
- AP Computer Science A – (JAVA)
- AP Computer Science Principles
- Computer Programming (C++)

**English Language Arts**
- Creative Writing 1 (0.5 Credit)
- Creative Writing 2 (0.5 Credit)
- Fundamentals of Composition (0.5 Credit)
- Public Speaking (0.5 Credit)
- Introduction to Theater Arts (0.5 Credit)
- Advanced Theater Arts (0.5 Credit)
- Journalism (0.5 Credit)
- Advanced Journalism (0.5 Credit)

**Family and Consumer Science**
- 21st Century Leadership (0.5 Credit)
- Fashion Design 1 (0.5 Credit)
- Advanced Fashion Design (0.5 Credit)
- Chefs 1 (0.5 Credit)
- Chefs 2 (0.5 Credit)
- Personal Growth (0.5 Credit)

**Social Studies**
- AP Psychology
- Psychology (0.5 Credit)
- Sociology and Anthropology (0.5 Credit)

**Technological Studies**
- Project Lead the Way (Pre-requisites *)
- Introduction to Engineering Design
- Principles of Engineering

**Dance**
- Fundamentals of Dance (0.5 Credit)
- Dance Composition (0.5 Credit)
- Dance Seminar (0.5 Credit)
- Dance Techniques (0.5 Credit)
- Advanced Technique (0.5 Credit)
- Movement for Athletes (0.5 Credit)

**TV News / Video**
- TV News/Video Editing, Level 1
Upper Bucks County Technical School

- 21 Programs
- New potential programs:
  - HVAC+R
  - Biosciences Pathway
AP Programming

- AP means Advanced Placement
- College-level coursework on a high school schedule
- Increased rigor, faster pacing
- Culminates in AP Exam scored by College Board that may qualify for college credit
Benefits of an AP Class

- Prepares students for college-level work
- High-achieving environment
- Potential college credit
- Weighted Grading
  - CP Course: Not Weighted
  - Honors, DE, PLTW: Weighted + 0.25
  - AP Course: Weighted + 0.50
  - AP Course with passing exam: Weighted + 0.75*
AP Program
We offer 27 AP courses

**STEM**
- AP Biology
- AP Calculus AB
- AP Calculus BC
- AP Chemistry
- AP Computer Science A
- AP Computer Sci Principles
- AP Environmental Science
- AP Physics 1
- AP Physics 2
- AP Statistics

**History & Social Sciences**
- AP Economics
- AP European History
- AP Human Geography
- AP Psychology
- AP US Government
- AP US History
- AP World History

**English**
- AP Language & Composition
- AP Literature & Composition

**Arts**
- Art History AP
- Music Theory AP

**AP Capstone**
- AP Seminar
- AP Research

**World Languages & Cultures**
- AP German
- AP Mandarin
- AP Spanish Language & Culture
- AP Spanish Literature & Culture
<table>
<thead>
<tr>
<th>Award</th>
<th>Exams Passed</th>
<th>Average Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>AP Scholar</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>AP Scholar with Honor</td>
<td>4</td>
<td>3.25</td>
</tr>
<tr>
<td>AP Scholar with Distinction</td>
<td>5</td>
<td>3.5</td>
</tr>
<tr>
<td>AP National Scholar*</td>
<td>8</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td>8 exams above 4</td>
</tr>
</tbody>
</table>
Bell Schedule

- Seven 45 minute periods
- Core courses run all year (Wellness & Health are ½ year courses)
- Electives are full credit and half credit
- Half credit electives are semester-based

<table>
<thead>
<tr>
<th>Daily Schedule</th>
</tr>
</thead>
<tbody>
<tr>
<td>Period 1</td>
</tr>
<tr>
<td>Period 2</td>
</tr>
<tr>
<td>Period 3</td>
</tr>
<tr>
<td>Period 4</td>
</tr>
<tr>
<td>LUNCH/PRIDE</td>
</tr>
<tr>
<td>Period 5</td>
</tr>
<tr>
<td>Period 6</td>
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<tr>
<td>Period 7</td>
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</tbody>
</table>
## Sample Schedules

### Full-Day QCHS

<table>
<thead>
<tr>
<th>Subject</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Math</td>
<td></td>
</tr>
<tr>
<td>English</td>
<td></td>
</tr>
<tr>
<td>Social Studies</td>
<td></td>
</tr>
<tr>
<td>Science</td>
<td></td>
</tr>
<tr>
<td>Lunch (30 min)</td>
<td>Pride (30 min)</td>
</tr>
<tr>
<td>Foundations of Wellness &amp; Fitness</td>
<td></td>
</tr>
<tr>
<td>Elective (Full credit or 2 half credits)</td>
<td></td>
</tr>
</tbody>
</table>

### UBCTS Student Schedule

<table>
<thead>
<tr>
<th>Subject</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td></td>
</tr>
<tr>
<td>Tech Program</td>
<td></td>
</tr>
<tr>
<td>Wellness- PE</td>
<td></td>
</tr>
<tr>
<td>Wellness- Health</td>
<td></td>
</tr>
<tr>
<td>Lunch / PRIDE (36 min)</td>
<td></td>
</tr>
<tr>
<td>Social Studies</td>
<td></td>
</tr>
<tr>
<td>Science</td>
<td></td>
</tr>
<tr>
<td>Math</td>
<td></td>
</tr>
</tbody>
</table>
What’s Next?

● 8th Grade Student Assembly - January 10th
● Students will discuss course recommendations with teachers - January 11th-January 18th
● Students will enter course requests in PowerSchool - January 18th
● Target date for schedule completion is end of May
● All schedules finalized in June
● Moving Up Day - Friday, June 14th
● Orientation - August 20th (tentative)
● Freshman Picnic/Tailgate - August 23rd
Please adjourn to the Electives & AP Fair in the Commons where you and your child can ask questions to our teachers.

Finish 2018-19 Strong!