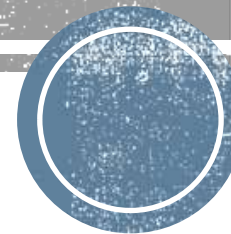


# Curriculum



# Credits Required

- **Graduation Requirements:**

1. 28 Credits:

- **4 English credits:** English 9, 10, 11 and 12 (honors available in grades 10 and 11, AP in grade 12)

- **3 Social Studies credits:** American History, World History, Problems of Democracy or AP Government

- **4 Math credits:** Algebra 1, Algebra 2, Geometry, Trig/Algebra 3, AP Calculus

- *(Applied coursework dependent on performance/teacher recommendation, advanced math students begin Alg 1 in 8<sup>th</sup> grade)*

- **3 Science credits:** must include Biology in 9<sup>th</sup> grade, Chemistry or Chemistry in the Community in 10<sup>th</sup> grade,

- and Physics or Conceptual Physics in 11<sup>th</sup> or 12<sup>th</sup>

- Additional requirements: PE 9, 10, 11, 12, Computer Apps 1 Drivers Ed 10/ Music 10/Health 11/Cons Sci 12, Electives

2. Culminating Project

3. Pathway to Graduation Requirement: Algebra 1, Biology, Literature Keystone Exams Proficiency or Alternate Pathway



# Pathways to Graduation

- Keystone Exams
- 5 Pathways
  - Pathway 1- Pass All keystones
  - Pathway 2- Get a Composite Score on Keystones
    - Score of 4452
    - One Keystone score is proficient or advanced
    - No score is below basic
  - Pathway 3- Attend NTCC and receive certificate
  - Pathway 4- Receive at least a certain score on an alternative assessment
    - ASVAB
    - SAT
  - Pathway 5- Collect evidence consistent with student goals



# NTCC

- Excellent way to learn hands-on
- Often students go straight into the workforce
- Participate in Junior and Senior Year
- Forgo electives- only take core courses here



# NTCC

- 10<sup>th</sup> - 12<sup>th</sup> Grade:
  - Cosmetology
- 11<sup>th</sup> - 12<sup>th</sup> Grade:
  - Auto Mechanics
  - Building Construction
  - Collision Repair Technology
  - Diesel Engine Mechanic and Repair
  - Food Production, Management and Service
  - Information Technology
  - Pre-Nursing
  - Machine Tool Technology
  - Mechanical Trades (Includes HVAC and Plumbing)
  - Welding Technology
  - *Early Childhood Education*



# Dual Enrollment

- Earn High School Credits and College Credits at the same time!
- College-level courses
- College transcript
- Saves money!
- Saves time!
- Make sure that the colleges you are interested in take the credits



# Keystone College

- Anatomy and Physiology
  - AP Biology (x2)
  - AP English
  - Intro to Statistics
  - AP Calculus
  - Physics
  - AP History (x2)
  - Intro to Psychology
  - AP U.S. Govt. & Policies
- Costs \$100 per credit (3-4 credits per class)



# Penn College

- Intro to Business
  - *Anatomy and Physiology*
  - Chemistry 1
  - *AP U.S. Govt. & Politics*
- 
- No cost to participate in credits



**Pennsylvania  
College of Technology**  
A Penn State Affiliate





# Lackawanna College

- Chemistry 2
- Spanish 3
- Information Technology & Society (name changing to Computer Applications 2)
  
- Costs \$100 per credit (3-4 credits per class)



LACKAWANNA  
COLLEGE



# GPA and Rank

- GPA- Grade Point Average
  - Averages your grades together
  - Weight- More difficult courses (e.g. Dual Enrollment) contribute just a bit more to the score
  - Starts in 9<sup>th</sup> grade
  - Can fluctuate as you progress
- Class Rank
  - Compares your GPA to your peers



# Courses set out for you...

- English 10 (Honors or no Honors)
- American History
- Chemistry (or Chemistry in the Community- not actively pursuing a career in science or medical field)
  - Completion of Algebra 1
  - Taking Geometry
  - Dual Enrollment Requirement- Math Test
- PE/Driver's Ed



# Mathematics

- Algebra 2 to (Honors) Geometry
- App Alg 2 to Applied Geometry



# Science

- Chemistry
- Chemistry (Dual Enrollment)- requires math placement test
  - Both are designed for students planning to attend two-year colleges, four-year colleges, or technical schools
  - Example topics
    - Atomic structure
    - Periodic table
    - Chemical formulas
- Chemistry in the Community
  - Designed for students who are not actively pursuing a career in sciences or medical field
  - Example topics
    - Atomic theory & Structure
    - Periodic Table
    - Bonding and chemical reactions



# Choices!

- Electives
- Label top choices 1-5
- Get Teacher Signatures where needed



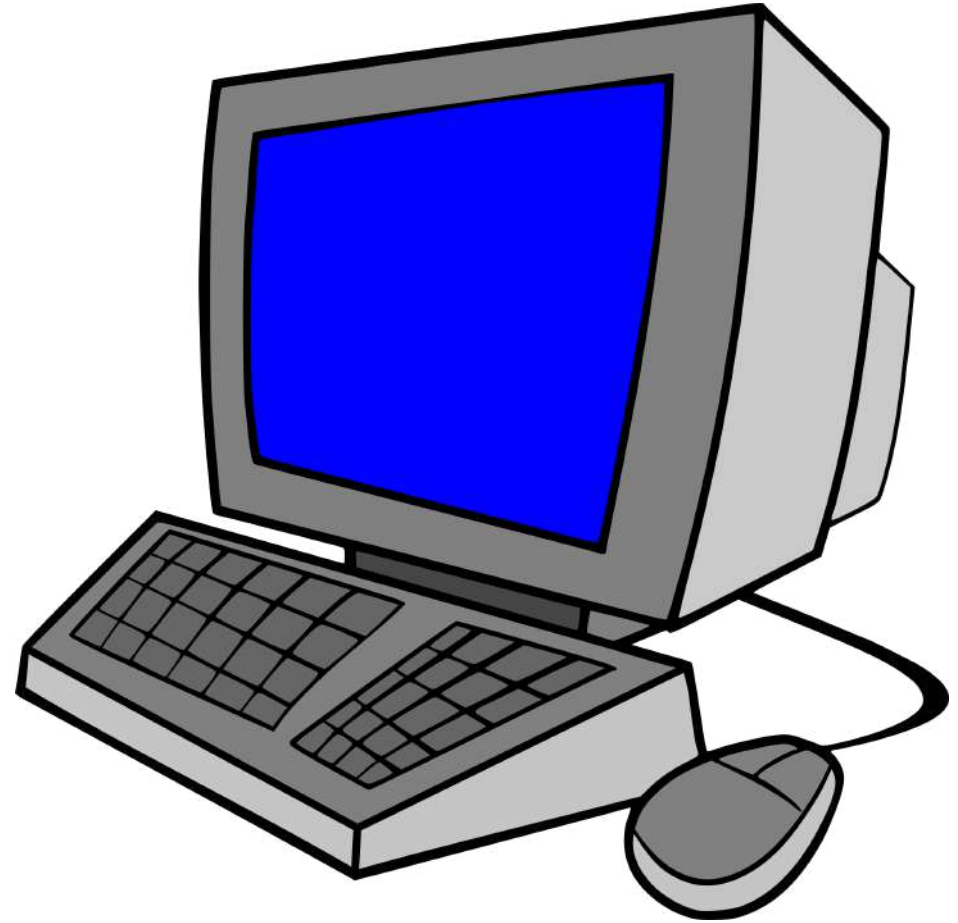
# Business

- Accounting 1
  - Basic accounting cycle for a service business
  - Maintain checkbook
  - Prepare personal income taxes
- Entrepreneurship
  - Introduction to Basic Economics
    - Budgeting
    - Stock Market
    - Create and manage a virtual business



# Computers

- Media Production
  - Desktop Publishing
    - Microsoft Word
    - Adobe InDesign
  - Example projects:
    - Business cards
    - Brochures
    - Flyers
    - Webpages
- Computer Apps 2
  - Basic concepts and applications of compute and internet-related technology
  - Promotes lifelong learning through exposure to various existing and emerging technologies
  - Requires Teacher signature from Computer Apps 1





# Foreign Languages

- Spanish 1
  - Basics of Spanish
- Spanish 2
  - Prerequisite of 80 or above in Spanish 1
  - Continued Development of skills
  - Example topics:
    - Clothing
    - Food- Order meals at a restaurant
    - Discuss daily routines



# English Electives

- Composition
  - Writing Skills
- Mythology
  - Legends
  - Myths
  - Symbolism
  - Different Countries
- Journalism
  - Research
  - Conduct Interviews
  - Write News Articles



# Art

- Art 1
  - Various medias
- Art 2
  - 75% or higher in Art 1

## Elective Art 1

Pencil Self-Portrait  
Pen & Ink Drawing  
Watercolor Painting  
Mardi Gras Masks  
Jewelry Making  
Clay Leaf Bowls  
Paper Mache Vases  
Acrylic/Oil Painting  
Wheel Thrown Pottery  
Copper & Foil Repousse  
Zentangles  
Art History



## Elective Art 2

Charcoal Drawing  
Op Art Designs  
Sand Painting  
Acrylic/Oil Painting  
Wire & Pariscraft Figures  
Clay Picture Frames  
Wheel Thrown Pottery  
Japanese Origami Mobiles  
Marbleized Paper & Boxes  
Zentangles & Art History



# Music



- Music Theory
  - Opposite years of Music Extension
  - Teaches fundamental and advanced techniques of music common practices
    - Notation
    - Chord Analysis
    - Composition
    - Aural Skills
- Music Extension
  - Performance-based
  - Explore variety of repertoire
  - Develop skills with current or new instrument

- Chorus
  - Learn to sing
  - Focus on Vocal Technique
- Band
  - Marching band
  - Concert Band



# Family/Consumer Science

- Consumer Science 1
  - Introduces cooking skills
  - Basic sewing skills
  - Consumerism- study advertising
- Consumer Science 2
  - Advanced studying in the above areas



# Technology Education

- Wood & Metal Tech
- Prerequisite for advanced technology education courses
  - Manufacturing and Construction 1, 2, & 3
    - Hand and Power Tools
    - Computer aided Machines
  - Power Lab 1,2, & 3
    - Mechanical drawing/drafting
    - Fundamentals of Electricity
    - Welding
  - Engineering Design
    - Solve real-life problems
    - E.g. car-egg crash test, catapult, bottle rockets, etc.
- Hands-on
- Wood and Metal Processing equipment
- Familiarize students with various skills needed in future technology education courses



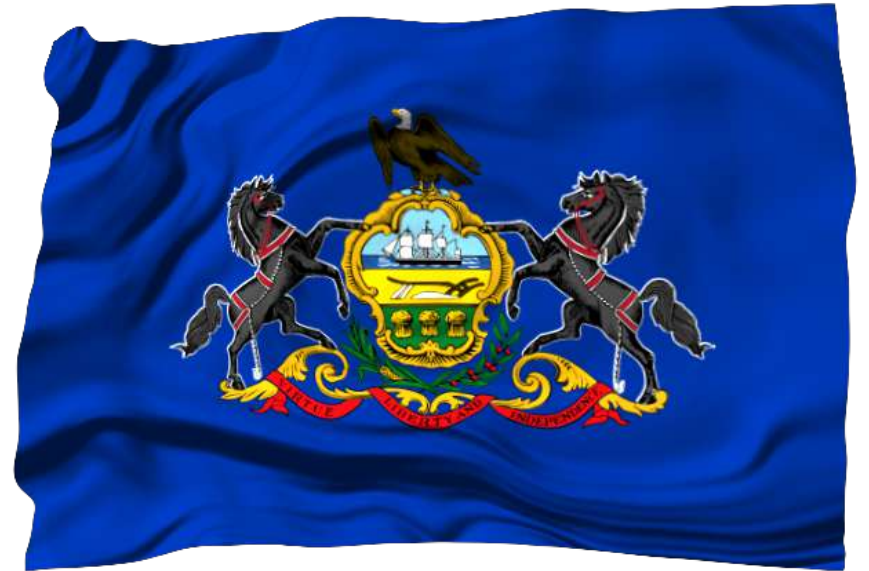
# Science Elective

- Biology 2
  - Continuation of Biology
  - Plant Biology
  - Animal Biology
  - Human Biology
  - Ecology
  - Biogenetics
  - Biochemistry
  - Prerequisite for AP Biology



# Social Studies Elective

- Pennsylvania and Local History
  - New History Elective
  - History of Pennsylvania and local area
  - First European Inhabitants of Sullivan County
  - Learn about how Pennsylvania was affected by
    - World War 1
    - 1920s
    - Great Depression
    - Etc.





# Now what?

- Consider what you might want to do after High School
- Look at the curriculum guide and make a plan
- Go over selections with teachers and those at home
- Math and Band/Chorus signatures
- Turn in to 1<sup>st</sup> period teacher by April 8th

