

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 8th grade)*

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

- and Physics or Conceptual Physics in 11th or 12th

- 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



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 9th grade
 - Can fluctuate as you progress
- Class Rank
 - Compares your GPA to your peers



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

- 10th - 12th Grade:
 - Cosmetology
- 11th - 12th 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*

NEW!



Early Childhood Education

- Learn about different aspects of teaching and working with children from birth to elementary school age
 - Health
 - Wellness
 - Safety
 - Developmental Milestones
- Theories
 - Human Development
 - Ethical and Professional Responsibilities
- Industry Credential Opportunities
 - Child Developmental Associate (CDA) National Credential
 - American Red Cross: First Aid and CPR



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*
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- 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)



What do you want to do?

- Top Portion
 - Name
 - Grade Now
 - Career Interests
 - Post High School Plan
- Not set in stone!



Courses set out for you...

- English 11 (Honors or no Honors)
- World History
- PE/Health 11



Mathematics

- Geometry to Trig/Alg 3
- Algebra 2 to Geometry
- Applied Algebra 2 to Applied Geometry



Science

- This year or next year?
- Physics
 - Currently Taking or taken Algebra 3/Trigonometry
 - Serious interest in science or engineering
 - Algebra-based
 - Mechanics
 - Dynamics
 - Waves
 - Heat
- Conceptual Physics
 - Fundamental concepts of physics
 - Newtonian Laws
 - Nature of matter
 - Heat
 - Electricity



Choices!

- Electives
- Label top choices 1-5
- Move top 3-4 selections to master schedule
- 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



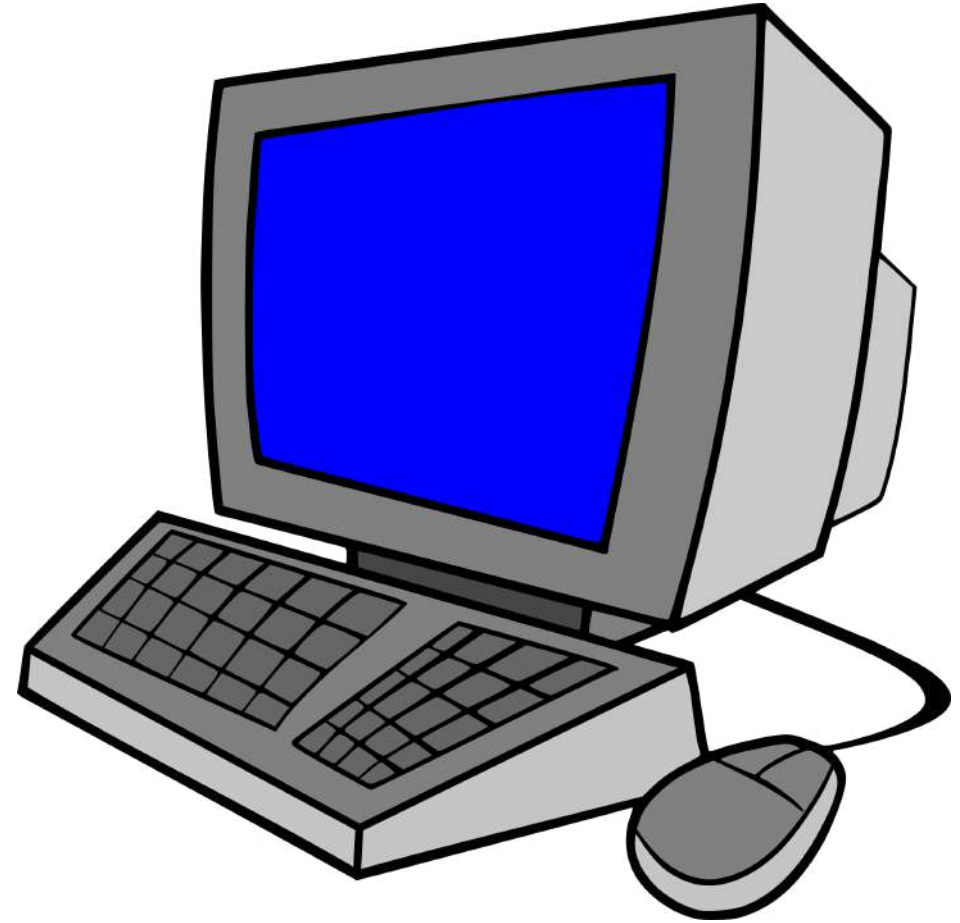
Business (cont.)

- Intro to Business (Dual Enrollment)
 - Requires Signatures from Entrepreneurship or a Social Studies Teacher
 - Interpersonal Communications
 - Emotional Intelligence
 - Accounting
- Business Law (Next year)
 - History, general study, and introduction of everyday law
 - Contract Law
 - Employment Law
 - Credit regulations
 - Etc.



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



Computers (cont.)

- Introduction to Webpage Development (Dual Enrollment)
 - Prerequisite- Media Production
 - Introductory Coverage of the Internet and Online Web Technologies
 - Create Webpages
- Introduction to Gaming and Simulation
 - Gaming industry history
 - AI
 - Design and write simple games



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
- Spanish 3
 - Prerequisite of 80 or above in Spanish 2
 - Talking about yourself and friends
 - Expressing emotions
 - Group discussions



English Electives

- Composition
 - Writing Skills
- Mythology
 - Legends
 - Myths
 - Symbolism
 - Different Countries
- Journalism
 - Research
 - Conduct Interviews
 - Write News Articles
- Yearbook 1
 - Now requires 2 signatures
 - Strong background in English
 - Basic computer skills
 - Anticipate spending extra time to help complete the yearbook
- Effective Speaking
 - Build confidence in public speaking



Art

- Art 1
 - Various medias
- Art 2
 - 75% or higher in Art 1
- Art 3
 - 80% or higher in Art 2



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

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 3

Conte Nature Drawing
Pastel Drawing
Acrylic/Oil Painting
Color Pencil Nightmares
Abstract Faces-Mixed Media
Sculpture-Antique Human Bust
Clay Coil Pots
Wheel Thrown Pottery
Linoleum Block Printing
Basket Weaving
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
- Single Living
 - Learn about living on the own
- Family Living
 - Learn about living with others



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

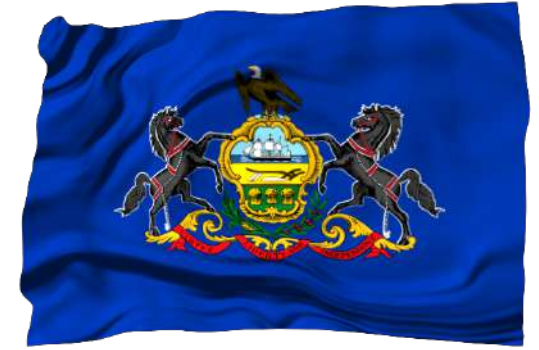


Science Electives

- Biology 2
 - Continuation of Biology
 - Plant Biology
 - Animal Biology
 - Human Biology
- AP Bio (Dual Enrollment)
 - Designed to meet the standards of a first year general biology college course
 - Osmosis
 - Cell respiration
- Anatomy & Physiology
 - Designed for students interested in the medical or health field
 - Structure and function of human body in detail



Social Studies Electives



- 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.
- Psychology (Dual Enrollment)
 - Science of behavior and mental processes
 - Examine the why of people's behaviors
- AP History (Dual Enrollment)
 - 85% or higher history average
 - Mostly 20th Century events
- College level courses!



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
- Get all required signatures
 - Math, Science, English, Electives
- Turn in to 1st period teacher by April 8th

