



All About Ben Franklin!

Reasons to Attend Ben Franklin as a High School Student:

- * Earn a certification and be work-ready upon graduation - \$\$\$
- * Our programs can be a good foundation toward college or training after high school.
- * Why take random electives to fill your schedule when you can take something that benefits you now and later?
- * Learn life and work skills to help prepare you for the real world. We are a simulated workplace environment.
- * Clubs and skills competitions! We have Esports, Skills USA, HOSA—Health Occupations Students of America and robotics competitions!

WHAT DO WE REVIEW WHEN CONSIDERING A STUDENT?

Attendance
Grades and credits
Behavior/Discipline
Interview with Instructor
References

Animal Services (1 yr)

Program consists of classroom work as well as hands-on. Students will work with domestic animals and small livestock.

Student Learn:

- Handling and restraint
- Animal rights and welfare
- Animal nutrition and facility management
- Creating an agribusiness
- Animal health and reproduction
- Agriculture technology, food production, and plant systems
- Leadership development through the FFA (Future Farmers of America)



Certifications Earned: Veterinary OSHA 10, Animal CPR, Animal Heimlich Maneuver, certification of hours completed within program

Embedded Credit: None

*Jobs/Average Pay in WV: Veterinary Asst - \$33,280,
Pet Store Associate - 24,000 - 30,000

Automotive Technology (2 yrs)

Program consists of classroom work as well as hands-on work in the shop.

Student must possess a good understanding of math and reading.

Students Learn:

- Maintenance and light repair of cars and trucks
- How to troubleshoot, diagnose and maintain automotive systems
- Use of hand tools
- Subjects such as fuel systems, brakes, lubrication systems, and engine components
- Safety and health regulations specific to the auto industry

Certifications Earned:

OSHA 10, certificate of hours completed within program

Embedded Credit:

Transitions Math for Seniors

*Jobs/Average Pay in WV: Auto Tech - \$62,140



High School Programs (Cont'd)

Carpentry (2 yrs)

Program consists of classroom work as well as hands-on work in the shop.

Student must possess a good understanding of math, measuring and a strong work ethic.

Students Learn:

- Use of hand tools and power tools
- Framing
- Exterior Trim
- Blueprint Reading
- Drywall
- Roofing
- Residential Building
- Siding



Certifications Earned:

OSHA 10, NCCER Carpentry - Level 1 and Level 2

Embedded Credit: Transitions Math for Seniors

*Jobs/Average Pay in WV:

Local Unions = \$33,280 - \$62,400

Local Retail = (Lowe's, Home Depot, 84): \$20,800 - \$37,440

Local Commercial Contractors = \$58,400

Coding, Apps & Game Design (1 yr)

Students will participate in community requested projects in addition to coursework.

Students Learn:

- Different programming languages and their end uses in different environments, including but not limited to:

*Python

*Scratch

*JavaScript

*HTML



Coding, Apps & Game Design (1 yr) - Cont'd

Certification Earned: OSHA 10, certificate with hours completed within program

Embedded Credit: Computer Science Math

Fulfillment of Graduation Requirement: Fine Arts

*Jobs/Average Pay in WV: Coding Specialist - \$40,942

Computer Networking Systems and Repair (1 yr)

Program consists of classroom work as well as hands-on. Students are often dispatched to help maintain the school's computer/network systems.

The class prepares students for CompTIA A+, Networking + and Server + and for jobs as IT Support Specialists and IT Network and Systems Specialists.

Students Learn:

- PC hardware and software
- Computer operating systems
- Basic networking devices and printers
- Mobile Devices
- Storage Services
- Network Services
- File and Print, active-directory



Certifications Earned:

OSHA 10, certificate of hours completed within program, TestOut PC Pro-Network, and Server Pro.

Embedded Credit: None

*Jobs/Average Pay in WV: Tech Support Specialist - \$36620, IT Network and Systems Specialist - \$35,000 - \$60,000.

High School Programs (Cont'd)

Diesel Equipment Technologies (2 yrs)

Program consists of classroom work as well as hands-on in the shop and prepares students to be an entry level Diesel Technician.

Students Learn:

- Cummings Diesel Engine, Caterpillar, Detroit Diesel and International
- Fuel injection, starting systems, charging systems, air intake systems, governors and power trains
- Skill sets such as:
 - *Engine operations, design and construction
 - *Precision measurement
 - *Engine lubricating tune-up, cooling, fuel, electrical and air systems
 - *Engine tune-up, troubleshooting, drive trains, steering and hydraulics



Certifications Earned: OSHA 10, certification of hours completed within program

Embedded Credit: None

*Jobs/Average Pay in WV: Diesel Tech - \$56,910

Early Childhood Education (1 yr)



Program consists of classroom work and clinical "out in the field" observation.

GPA of 2.0 or above, possess 8th grade reading and comprehension skills and above.

Students Learn:

- How to plan, conduct and evaluate developmentally appropriate activities

Early Childhood Education (1 yr) - Cont'd

- Skills sets such as:
 - *physical, intellectual, social and emotional development
 - *self-help and motor development
 - *health, safety, and nutrition
 - *curriculum skills and lesson plans
 - *guidance and discipline, daily routines

Certifications Earned: OSHA 10, certificate in Early Childhood Education, certificate of computer proficiency, eligible to sit for the Kanawha County Schools Classroom Teacher's Aide test

Embedded Credit: Eng/LA 12

*Jobs/Average Pay in WV: Early Childhood Teacher - \$28, 431

Electrical Technology (2 yrs)

Students gain knowledge and hands-on experience to work as an electrician for residential, commercial and industrial settings. The course is a combination of classwork and hands-on learning.

Students must possess a good understanding of math and science.

Students Learn:

- How to wire basic residential circuits for single family and multi-family dwellings
- How to troubleshoot electric circuits, how to cut, bend and install thread conduit
- Utilization of basic hand tools used in electrical work and construction as well as the use of multiple testing meters
- How to wire commercial and industrial electrical systems, with an emphasis on motor control systems
- How to troubleshoot and repair advanced electrical systems



High School Programs (Cont'd)

Electrical Technology (2 yrs) - Cont'd

- Students will gain experience in job estimating and completing work orders

Certifications Earned or Eligible to Earn:

OSHA 10, certificate of hours completed within program, Journeyman License upon meeting all requirements

*In order to be eligible to test for the Journeyman License at the end of the 2nd year, students must earn a B average in the program for every semester, miss less than 6 days per school year, score workplace competency level on NOCTI Exam and pass two drug tests.

Embedded Credit: Transitions Math for Seniors

*Jobs/Average Pay in WV: Electrician - \$53,527

Health Occupations/Therapeutic Services (2 yrs)

Program consists of classroom work as well as clinical, "out in the field" observation.

Students must be at least a junior at the start of the program - we cannot accept sophomores.

Students are required to maintain a minimum of an 80% B average at each grading period to remain in the program.

Students Learn:

- Introduction to healthcare fields such as: Patient Care Tech, EKG Tech, Medical Lab Assistant, Phlebotomist, Veterinary Assistant, Ophthalmic Assistant, Dental Assistant, Respiratory Therapy Aide, X-Ray (Medical Imaging) Assistant and Physical Therapy
- Skills sets such as: basic anatomy and physiology, common disorders of the human body, intro to healthcare facilities, legal and ethical responsibilities, medical terminology, infection control, nutrition, safety, basic emergency care, EKG, phlebotomy, vital signs, CPR, body mechanics, personal care skills and communication skills



Health Occupations/Therapeutic Services (2 yrs) - Cont'd

Certifications Earned:

OSHA 10, CPR, First Aid, Nationally Certified Patient Tech, Nationally Certified EKG Tech, Nationally Certified Phlebotomy Tech, Stop the Bleed Certification, National Certified Dental Assistant.

Embedded Credit: Eng/LA 12

*Jobs/Average Pay in WV:

Certified Patient Care Tech - \$27,730

Certified EKG Tech - \$50,900

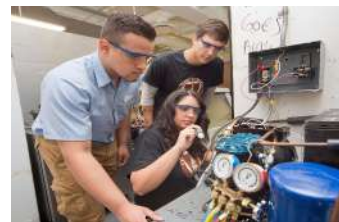
Certified Phlebotomy Tech - \$38,645

HVAC Technician - Heating, Ventilation, and Air Conditioning (2 yrs)

Program consists of classroom work as well as hands-on in the shop. The program prepares students for entry-level work and/or apprenticeship programs.

Students Learn:

- How to install, diagnose and troubleshoot gas, electric, and fuel oil heating and cooling systems
- Safety and health regulations specific to the HVAC industry



Certifications Earned:

EPA608, OSHA 10, certificate of hours completed within program which can be used toward licensure hour requirements

Embedded Credit: Transitions Math for Seniors

*Jobs/Average Pay in WV: HVAC Tech - \$61,460

High School Programs (Cont'd)

Law and Public Safety (1 yr)

Program prepares students for college or a career in the law enforcement field (state, county, municipal and college police departments and federal law enforcement).

Students Learn:

- Skills that can be applied to field similar to law enforcement such as corrections officer, probation/parole officer, detention officer, home confinement officer, forensic specialists, private security and loss prevention
- Skills and concepts needed for success in the police academy and law enforcement

Certifications Earned:

OSHA 10, CPR and First Aid, certificate of hours completed within program

Embedded Credit: Eng/LA 12

*Jobs/Average Pay in WV:

Law Enforcement Officer - \$59,000, Probation Officer - \$43,373



Manufacturing - 4T Academy

This program consists of classroom work as well as hands-on experience in manufacturing, internship hours at Toyota Motor Manufacturing (unpaid 1st year) and a paid internship at Toyota (2nd semester of senior year).

Students Learn:

- Basic manufacturing processes, procedures and principles (specifically with assembly)
- Leadership and communication
- Microsoft Excel, business and technology in the workplace and work related training

Certifications Earned: OSHA 10, completion of hours within program

Embedded Credit: None

*Jobs/Average Pay at Toyota: Toyota Team Members start out at around \$18.75 an hour or \$37,500 a year

Medical Assisting (2 yrs)

Program consists of classroom work as well as 100 hours of clinical, "out in the field" experience.

Students must be at least a junior at the start of the program - we cannot accept sophomores.

Students are required to maintain a minimum of an 80% B at each grading period to remain in the program.

Students Learn:

- How to serve the patient and assist the doctor from the appointment to the end of the visit
- Skill sets such as anatomy and physiology, medical law and ethics, first aid, CPR, medical terminology, insurance, oral and written communication
- Clinical procedures such as temperature, blood pressure, EKG, injections, lab procedures, pharmacology and electronic health records

Certifications Earned:

OSHA 10, CPR/First Aid,

NR-CMA (Nationally Registered, Certified Medical Assistant)

NR-CPT (Nationally Registered, Certified Phlebotomy Tech)

NR-EKG (Nationally Registered, Electrocardiogram Tech)

Embedded Credit: Eng/LA 12

*Jobs/Average Pay in WV: Medical Assistant - \$29,500



High School Programs (Cont'd)

Medical Assisting Honors (2 yrs)

This program is weighted and consists of classroom work as well as 100 hours of clinical, "out in the field" experience.

Students must be at least a junior at the start of the program - we cannot accept sophomores.

Students are required to maintain a minimum of an 80% B at each grading period to remain in the program.

Students Learn:

- **Medical coding/billing** (specific to Honors Medical Assisting only)
- How to serve the patient and assist the doctor from the appointment to the end of the visit
- Skill sets such as anatomy and physiology, medical law and ethics, first aid, CPR, medical terminology, insurance, oral and written communication
- Clinical procedures such as temperature, blood pressure, EKG, injections, lab procedures, pharmacology and electronic health records

Certifications Earned:

OSHA 10, First Aid, CPR

NR-CMA (Nationally Registered, Certified Medical Assistant)

NR-CPT (Nationally Registered, Certified Phlebotomy Tech)

NR-EKG (Nationally Registered, Electrocardiogram Tech)

NR-MCS (Nationally Registered, Certified Medical Coding Specialist)

Embedded Credit: Eng/LA 12

*Jobs/Average Pay in WV: Medical Assistant - \$29,500

Metals Technology (1yr)

Metals & Machine Tool Technology (2 yrs)

Program consists of classroom work as well and hands-on work in the shop.

Students Learn:

- Basic welding
- Basic machine shop
- Basic hand tools
- Safety specific to industry



Certifications Earned: OSHA 10, certificate of hours completed within program

Embedded Credit:

1 yr program = none

2 yr program = Transitions Math for Seniors

*Jobs/Average Pay in WV: Metal Laborer - \$38,080

Pet Grooming (1 yr)

Program consists of classroom work as well as hands-on. Students will work with domestic animals.

Students Learn:

- Companion Animal Care
- Detailed grooming techniques, animal nutrition, restraint, obedience and boarding
- Business and management techniques that will enable them to become successful in owning and operating a business in pet grooming, obedience and boarding industries



High School Programs (Cont'd)

Pet Grooming (1 yr) - Cont'd

- Dog/cat breeds and their anatomy, body language and animal behavior, canine and feline diseases, zoonotic diseases
- Animal rights and welfare, reproduction

Certifications Earned: Veterinary OSHA 10, Animal CPR, Animal Heimlich Maneuver, certification of hours completed within program

Embedded Credit: None

*Jobs/Average Pay in WV: Pet Groomer - \$44,260

Pre-Nursing Honors (2 yrs)

This program is weighted and consists of classroom work as well as clinical "out in the field" observation.

Students must be at least a junior at the start of the program - we cannot accept sophomores.

Students are required to maintain a minimum of an 80% B at each grading period in order to remain in the program.

Students Learn:

- Anatomy and Physiology, Medical Terminology, Certified Nursing Assistant, Pharmacology, Basic and Advanced Principles of Healthcare
- Dementia Care
- Skills and clinical instruction to prepare students for applying to and thriving in nursing school
- This programs provides a review for the nursing school entrance exam known as the TEAS Test (Test of Essential Academic Skills)



Certifications Earned:

CPR, First Aid, Certified Nursing Assistant and Certified Pharmacy Technician, OSHA 10, Stop the Bleed Certification

Pre-Nursing Honors (2 yrs) - Cont'd

Embedded Credit: Eng/LA 12

*Jobs/Average Pay in WV:

Certified Nurse Assistant - \$31,600

Certified Pharmacy Tech - \$33,580

Robotics Engineering (1 yr or 2 yrs)

Program provides a comprehensive study of programming and engineering concepts through relevant activities, competitions and projects using robotics and computer science.

Student must possess grade appropriate math skills.

Students Learn:

- Programming (C++ and Python)
- Engineering
- Teamwork and Collaboration
- Development of STEM and technical skills



Certifications Earned:

OSHA 10, classroom 40 hours of safety, certificate of hours completed within program

Embedded Credit: None

*Jobs/Average Pay in WV: Robotics Engineer - \$90,000 (requires further education beyond Ben Franklin)

LOOK US UP!

Visit our website at: bf.kana.k12.wv.us



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*Jobs listed under each program do not represent all jobs/opportunities available. Salary information obtained through indeed.com and based on WV's market.

CONTACT US!

Ben Franklin Career Center

500 28th Street

Dunbar, WV 25064

(304) 766-0369

Lynn Hunt, Counselor - Lparrish-hunt@mail.kana.k12.wv.us

