



**Bellmont • Huntington North • Bluffton • Southern Wells**  
**Norwell • South Adams • Adams Central • Jay County • Blackford**

# Health Care Occupations

**HEALTH SCIENCE: Health Care Specialties / Nursing**



Bellmont HS



Bellmont HS

## POSSIBLE CAREERS:

- ATHLETIC TRAINERS
- AUDIOLOGISTS
- DIETICIANS
- DENTAL HYGIENISTS
- EMTs AND PARAMEDICS
- RNs
- MEDICAL TRANSCRIPTIONISTS
- OPTICIANS
- PHYSICIANS AND SURGEONS
- RADIOLOGISTS
- VETERINARIANS



Bluffton HS

**With equal emphasis in the classroom and out in the field, students who enroll in Health Occupations classes. Students earn dual credit from colleges and may acquire their CNA certification that can be used to work and earn money while they continue their education. It's a win-win situation for those who enter the medical field, one of the fastest growing job sectors.**

## INDUSTRY CERTIFICATION:

Certified Nursing Assistant (CNA)

## DUAL COLLEGE CREDITS:

Ivy Technical College and IPFW

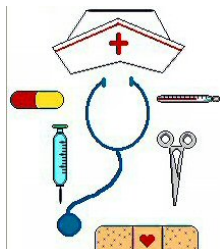
## ADVISORS

Area Hospitals, Nursing Homes,  
Medical Offices

## TECHNICAL AND HONORS DIPLOMAS

## COURSES:

INTERPERSONAL RELATIONSHIPS  
 NUTRITION AND WELLNESS  
 MEDICAL TERMINOLOGY  
 ANATOMY & PHYSIOLOGY  
 HEALTH SCIENCE EDUCATION I  
 HUMAN BODY SYSTEMS



## JOB OUTLOOK

Employment of **Registered Nurses** is expected to grow 26 percent, faster than the average for all occupations. Growth will occur because of increased emphasis on preventative care; and the large, aging population who will demand more health care services as they live longer and lead more active lives.

Source: Bureau of Labor Statistics



**CTE Cooperative Serving Adams • Blackford • Huntington • Jay • Wells Counties**

For more information:  
 KEVIN KELLER, AREA 18 DIRECTOR  
 KKELLER@BHMSD.K12.IN.US

**See your school guidance counselor for assistance if your school currently does not offer the classes in which you are interested. There are shared programs among the nine high schools in the Area 18 Career and Technical Education network.**

### Indiana College and Career Pathway Plan – State Model

**Cluster: Health Science**

**Career Pathway: Nursing**

#### Core 40 with Honors High School Graduation Plan\*

\*This is a SAMPLE plan for schools to use in planning. Course sequences and grade level in which courses are offered may vary according to local policies, practices and resources.

Students should enroll in Indiana Career Explorer, complete interest inventories, and investigate careers in clusters & pathways prior to or during the time they create their individual Pathway Plans.

| SECONDARY | Grade | English/<br>Language<br>Arts | Math                                 | Science                            | Health/PE<br>Social Studies  | CTE/Career Preparation Courses<br>for this Pathway                      |  | Other Elective Courses<br>for this Pathway                      |                   |
|-----------|-------|------------------------------|--------------------------------------|------------------------------------|--|---|--|---|-------------------|
|           | 9     | English 9                    | Algebra I                            | Biology                            | Health & Wellness/<br>Physical Ed                                  | Preparing for College & Careers;<br>Nutrition & Wellness                |  | Digital Citizenship;<br>Personal Financial<br>Responsibility    | World<br>Language |
|           | 10    | English 10                   | Geometry                             | Chemistry                          | Geography/History of<br>the World or World<br>History/Civilization | Interpersonal Relationships   | Human Development &<br>Wellness or Child Development |   | World<br>Language |
|           | 11    | English 11                   | Algebra II                           | 3 <sup>rd</sup> Core 40<br>Science | US History   | **Health Science Education I<br>(may include **Medical Terminology)     |  | <b>Belmont<br/>Bluffton<br/>Huntington N.</b>                   | World<br>Language |
|           | 12    | English 12                   | Math or<br>Quantitative<br>Reasoning |                                    | Government<br>Economics  | **Health Science Education II<br>(may include **Anatomy and Physiology) |  | <b>Belmont, Bluffton<br/>Huntington N.,<br/>Norwell, Jay C.</b> | Fine Arts         |

**State specified Pathway Assessments:** NCHSE Core Foundations; Nursing or Nursing Assistant programs may use the Certified Nurse Aide (CNA)

**Industry Recognized Certification:**

#### Postsecondary Courses Aligned for Potential Dual Credit\*\*

\*\*See individual Course Frameworks for alignment of high school course standards and postsecondary course objectives

| Ivy Tech  | Vincennes University   |
|---|--|
| <ul style="list-style-type: none"> <li>APHY 101 Anatomy &amp; Physiology I</li> <li>HLHS 100 Introduction to Health Careers</li> <li>HLHS 101 Medical Terminology</li> <li>HLHS 107 CNA Preparation (CNA Prep – certification, HC support, and 1 credit toward Nursing degree)</li> </ul> | <ul style="list-style-type: none"> <li>HIMT 110 Medical Terminology</li> <li>BIOL 111/111L – Essentials of Human Anatomy and Physiology</li> </ul> |

### Anatomy & Physiology

A course in which students investigate concepts related to Health Science, with emphasis on the interdependence of systems and contributions of each system to the maintenance of a healthy body. Introduces students to the cell, which is the basic structural and functional unit of all organisms, and covers tissues, skeleton, muscular and nervous systems as an integrated unit.

Through instruction, including laboratory activities, students apply concepts associated with Human Anatomy & Physiology. Students will understand the structure, organization and function of the various components of the healthy body in order to apply this knowledge in all health related fields.

### Medical Terminology

Prepares students with language skills necessary for effective, independent use of health and medical reference materials. It includes the study of health and medical abbreviations, symbols, and Greek and Latin word part meanings taught within the context of body systems. This course builds skills in pronunciation, spelling, and defining new words encountered in verbal and written information.

Students have the opportunity to acquire skills in interpreting medical records and communicating accurately and logically. Emphasis is on forming a foundation for a medical vocabulary including meaning, spelling, and pronunciation. Medical abbreviations, signs, and symbols are included.

### Nutrition & Wellness

An introductory course valuable for all students as a life foundation and academic enrichment; it is especially relevant for students interested in careers related to nutrition, food, and wellness. Major course topics include nutrition principles and applications; influences on nutrition and wellness; food preparation, safety, and sanitation; and science, technology, and careers in nutrition and wellness.

A project-based approach that utilizes higher order thinking, communication, leadership, management processes, and fundamentals to college and career success. Instruction includes concrete mathematics and language arts. This course is the first in a sequence of courses that provide a foundation for continuing and post-secondary education in all career areas related to nutrition, food, and wellness.

#### JANELLE GRESLA Bellmont



**Anatomy & Physiology I  
Medical Terminology**

Lifelong nurse, wife, mother and educator, Janelle Gresla believes in making her classes rigorous for those who are pursuing a career in Health Occupations. "I'm a firm believer in treating kids like adults." Students enrolled in Gresla's program can earn up to an entire year in college credit before they graduate from high school. As an Ivy Tech instructor in the evenings, Gresla is also licensed to give the CNA certification tests, which the students will earn at the courses' end.

#### KATHI PLUMMER Bluffton



**Health Science Education I  
Medical Terminology**

The indepth study in class, aided by research using iPads and accompanying hands-on experiences, help to set Kathi Plummer's students up for the second semester of clinical experiences. Students work in a variety of medical settings around the Bluffton area, including nursing homes, hospital and medical offices. At the end of the semester, students will have the opportunity to earn their CNA license and be able to earn a living upon graduation or help pay their way through college.

#### TIFFANNEY DRUMMOND Huntington North



**Health Services I  
Medical Terminology**

Huntington North's second-year Health Services teacher, Tiffanney Drummond, comes straight from being an emergency room nurse right into the classroom to deliver practical and indepth instruction to her students of the nursing and health-related fields. Presently located at Horance Mann Elementary School, Drummond has been busy writing grants for her 10-bed lab where students will learn the needed information to successfully become a Certified Nursing Assistant.