

## Course Syllabus



Foundations of Health Science  
WVEIS Code: 0711  
Amie Hawkins, RN, Instructor/Advisor  
Credit: 1

### Course Description

This course is designed to allow instructional content to focus on basic medical terminology, growth and development, nutrition, health maintenance practices and healthcare delivery systems. It is designed to provide the student with knowledge and technical skills required for infection control and the prevention of disease transmission, CPR and First Aid. Students will be provided with the opportunity to acquire certification in these areas. Students utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts. Teachers should provide each student with real world learning opportunities and instruction. Students are encouraged to become active members of the student organization, HOSA. The West Virginia Standards for Global 21 Learning include the following components: Global 21 Content, Literacy and Numeracy, Entrepreneurship and Technology Standards. All West Virginia teachers are responsible for classroom instruction that integrates learning skills, technology tools and content skill sets. Students will utilize problem-solving techniques and participate in hands-on activities to develop an understanding of course concepts. Teachers will provide each student with real world learning opportunities and instruction related to the study of health occupations. Opportunity is provided for participation in Health Occupations Students of America (HOSA), the Career and Technical Student Organization (CTSO) for health science technology education students

### Prerequisites

None

### Textbooks

Introduction to Health Science Technology (\$75.95)  
Introduction to Health Science Technology Workbook (\$27.95)  
Dean Vaughn Medical Terminology Workbook (\$ )

**Students are responsible for all textbooks and workbooks assigned to them and will be required to replace them if lost or damaged.**

### Addition Readings, References, or resources

Some assignments may require research in medical reference manuals. In addition internet research is used extensively. A list of appropriate web sites will be provided.

### *Instructional Philosophy*

I am eager to share my love of the health care field with future health care professionals. I have developed my program to be a challenging, yet enjoyable place of instruction. In this program, I am not only training you to be able to work in the health care industry, but I am training you as a health care professional. Therefore, I expect professional conduct, attitude, and appearance at all times. That being said, I enjoy health care and want you to enjoy it also. However, we can not lose sight of the reason why we are all part of this program: to secure the future of our healthcare system. For that reason, I do not tolerate interruptions or distractions that are detrimental to the class as a whole.

### *Instructional Delivery*

Foundations of Health Science is the first class of four core classes required for the Health Occupations Program. Therefore, it contains the basic information needed to pursue a career in the health care industry. There is a lot of lecture and written work involved with this course. However, I do try to include hands-on skills and group activities as much as possible. In addition, I have attempted to incorporate use of technology as much as possible.

### *Assessment System*

Grading Scale is based on the county scale:

A – 93-100  
B – 85-92  
C – 75-84  
D – 65-74  
F – 0-64

Your final grade is determined as follows:

Homework assignments:	20%
Unit Tests:	20%
Weely grade:	25%
Notebook:	15%
Final Exam:	20%

Extra credit may be provided for extenuating circumstances only

*Admission to Advanced Principles of Health Science (0715) requires a minimum course completion score of 80% in Foundations of Health Science (0711).*

### *Academic Rigor*

Coursework is guided by:

- Content Skill sets provided by the WV Department of Education
- Industry Standards
- National Healthcare Foundation Skill Standards provided by the US Department of Education
- The West Virginia Standards for 21<sup>st</sup> Century Learning

### Tentative Time Line

Week One:	Introduction
Week Two:	Teams
Week Three:	Health Care Delivery Systems
Week Four:	Career Exploration
Week Five:	Career Exploration
Week Six:	CPR/First Aid
Week Seven:	CPR/First Aid
Week Eight:	Human Growth and Development
Week Nine:	Human Growth and Development
Week Ten:	Infection Control
Week Eleven:	Infection Control
Week Twelve:	Medical Terminology
Week Thirteen:	Medical Terminology
Week Fourteen:	Healthy Behaviors
Week Fifteen:	Medical Math
Week Sixteen:	Prepare for Final
Week Seventeen:	Prepare for Final
Week Eighteen:	Wrap up semester

\* Information Technology Applications is integrated throughout the course by extensive use of all available technology

\*\*Leadership development is integrated throughout the semester by HOSA meetings held the third Friday of every month and as needed to meet the needs of the organization

### Classroom Management Plan

#### **Rules**

- Once the bus drops you off, come directly to the classroom, gather your supplies, find your seat and be ready to work.
- Show respect and common courtesy to instructor, peers, and any visitors to our classroom.
- Do not talk while the teacher or anyone else is speaking.
- Raise your hand to be called on when wanting to contribute to discussion or asking a question.
- Request permission to leave your seat or work area.
- Food and drinks in the classroom are a privilege that will be taken away if the room is not kept neat. **Absolutely No Energy drinks, if you bring them in my classroom you will be expected to throw them in the trash!! No Exceptions!**
- Sleeping is not tolerated. If your head is down, you are considered sleeping.
- Cell phones are prohibited at all times. Any cell phones seen will be taken and returned to the parents only.
- Music players are not allowed during instructional time.
- Break time is a privilege that can be taken away if the class is not making adequate progress or for behavioral reasons.
- In addition, all rules in the Fred W. Eberle Handbook are expected to be followed.
- The class phone may be used for emergencies or illness only.
- Students are not allowed in the lab portion of the room without permission.
- Equipment is not allowed to be utilized without instructor permission.

**Dress Code**

- Dress is to be neat in appearance and clean.
- No obscene language, drug, sex or alcohol references allowed on any items.
- No revealing shirts or extremely short skirts/shorts.
- Instructor has the right to request that you cover up or change for violations of the dress code.

**Personal Hygiene**

- As personal hygiene plays a significant role in health care, students are expected to be clean and odor free including, but not limited to: body, hair, breath, and clothes.

**Attendance Policy & Make-Up Work**

- Students are expected to attend class daily unless ill.
- Appointments should be made after school hours if at all possible.
- Excessive absenteeism may affect your progression in or graduation from the program.
- The student is responsible for obtaining make-up work during break and completing in a timely manner to the satisfaction of the instructor.

**Consequences**

Refer to school handbook for disciplinary policy.

**Contact Information**

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