

## Course Syllabus



Advanced Principles of Health Science  
WVEIS Code: 0715  
Amie Hawkins, RN, Instructor/Advisor  
Credit: 1

### Course Description

Instructional content will focus on healthcare safety, environmental safety processes and procedures, ethical and legal responsibilities and mathematical computations. Medical terminology and the reinforcement, expansion and enhancement of biology content specific to diseases and disorders are an integral part of the course. Instruction will incorporate project and problem based healthcare practices and procedures to demonstrate the importance of these skills. Students will develop basic technical skills required for all health career specialties including patient privacy, communication, teamwork and occupational safety and be provided with opportunities to obtain certifications in HIPPA/Data Privacy and health care safety. 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

Foundations of Health Science

### 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

Advanced Principles is the second class of four core classes required for the Health Occupations Program. It builds upon the knowledge gained in HCF and introduces the student to more technical aspects such as human structure & function, diseases & disorders, and medical math. 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%
Weekly Grade:	25%
Notebook:	15%
Final Exam:	20%

Extra credit may be provided for extenuating circumstances only

***Admission to Clinical Specialty I requires a completion grade of 80% in Advanced Principles***

### 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:	Communication	Ch. 7.4
Week Two:	Legal and Ethical Issues	
Week Three:	Legal and Ethical Issues	
Week Four:	Human Struct/Funct & Disease/Disorders	Ch. 6
Week Five:	Human Struct/Funct & Disease/Disorders	
Week Six:	Human Struct/Funct & Disease/Disorders	
Week Seven:	Human Struct/Funct & Disease/Disorders	
Week Eight:	Human Struct/Funct & Disease/Disorders	
Week Nine:	Human Struct/Funct & Disease/Disorders	
Week Ten:	Human Struct/Funct & Disease/Disorders	
Week Eleven:	Human Struct/Funct & Disease/Disorders	
Week Twelve:	Human Struct/Funct & Disease/Disorders	
Week Thirteen:	Vital Signs	
Week Fourteen:	Vital Signs	
Week Fifteen:	Infection Control	
Week Sixteen:	Environmental Safety	
Week Seventeen:	Prepare for Final	
Week Eighteen:	Wrap up year	

\*Medical Terminology begins at the beginning of the semester and is integrated throughout

\*\*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 are to be brought into my classroom. You will be expected to throw them away! 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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