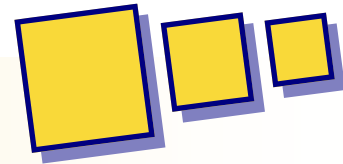


Healthcare Science Technology



About the Course

Healthcare Science Technology introduces the student to the principals and skills common to a variety of healthcare careers. Students will build upon the

knowledge and skills learned in each level as well as focus on career exploration through clinical experiences at school and local health care facilities.



What students will learn...

Basic Topics

- ◆ Infection Control
- ◆ Vital Signs
- ◆ Medical Terminology
- ◆ Anatomy and Physiology
- ◆ Legal Responsibilities
- ◆ Career Planning
- ◆ Earn CPR Certification
- ◆ Nutrition
- ◆ Human Growth & Development

Advanced Topics

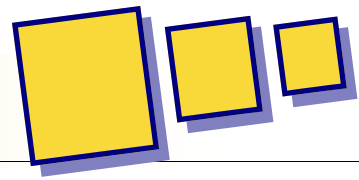
- ◆ Essential Nursing Skills
- ◆ First Aid Skills
- ◆ Medical Assistant Skills
- ◆ Career Exploration
- ◆ Skill Mastery
- ◆ Pharmacology
- ◆ Clinical Experiences

What is Healthcare Science Technology?

Hands-on experience and guest speakers from various health careers are incorporated into every topic area within each level to reinforce written and verbal information.



Healthcare Science Technology



Prerequisites



- ◆ 10th Grade or higher

Useful Skills



- ◆ Computer Applications & Technology
- ◆ Word Processing Skills
- ◆ Basic Math Skills
- ◆ Organizational Skills
- ◆ Basic Science Skills

Completion Incentives



Students will leave the Healthcare Science Technology program prepared to enter and advance in careers in the healthcare field. In addition, those students entering postsecondary programs will be better prepared to make the transition from high school to the postsecondary program of choice.

Personal Characteristics



- ◆ Great attitude
- ◆ Interest in the medical field
- ◆ Interest in working with the public

Salary Information



The following are estimated averages

EMT	\$22,000 /year
Medical Assistant	\$23,000 /year
Surgical Technologist	\$25,000 /year
Respiratory Therapist	\$36,000 /year
Sonographer	\$40,000 /year
Registered Nurse	\$45,000 /year
Dental Hygienist	\$48,000 /year
Physical Therapist	\$58,000 /year

Work Based Opportunities

Work based opportunities include cooperative education, Youth Apprenticeship and training with local health facilities.

Career Opportunities

- ◆ EMT
- ◆ Medical Assistant
- ◆ Surgical Technologist
- ◆ Respiratory Therapist
- ◆ Sonographer
- ◆ Registered Nurse
- ◆ Dental Hygienist
- ◆ Physical Therapist

Co-Curricular School Activities

HOSA is a student organization whose mission is to promote career opportunities in health care and to enhance the delivery of quality health care to all people.

SkillsUSA is a national organization serving a quarter-million members who are enrolled in technical, skilled, and service occupations. It provides quality education experiences for students in leadership, teamwork, citizenship, and character development, as well as building self-confidence, work attitudes and communication skills.



**Carroll County
Schools**

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