

# Laboratory Science

## Henninger High School PTECH Pathway

Syracuse City



School District

**The Career Field:** Laboratory personnel examine and perform lab tests on blood, blood cells, tissues and other body fluids to assist physicians in the diagnosis and treatment of diseases. Medical laboratory technicians play an important role in the prevention and diagnosis of diseases.

Technologists examine, test and analyze specimens using microscopes, cell counters, and other high-tech laboratory equipment. They also use automated equipment and computerized instruments to test specimens.

**The Program:** Working in a medical laboratory environment, students will acquire an Associate's degree and the knowledge and technical skills that will prepare them for positions as entry-level laboratory technicians in a clinical laboratory.

Students will gain practical learning experience through:

- » Scientific investigations and experiments
- » Collection and testing of samples
- » Writing reports and presenting information in a state-of-the-art, high-tech laboratory setting



# Laboratory Science

## PTECH Pathway

### Career Opportunities

- » Medical Laboratory Technician
- » Medical Laboratory Technologist
- » Cytotechnologists
- » Histotechnologists
- » Phlebotomists
- » Pathologists' Assistants
- » Clinical Chemists
- » Molecular Biologists
- » Biological Technician
- » Quality Control Microbiologist
- » Research Laboratory Technician
- » Pharmaceutical Laboratory Technician

### Certificates & College Credit

- » Onondaga Community College
- » Clinical Laboratory Technician A.A.S., SUNY Broome Community College
- » NYS Regents Diploma or a Regents Diploma with Advanced Designation, Syracuse City School District

### Partnerships

- » Laboratory Alliance of CNY
- » Upstate Medical University

### Who

Any SCSD 8<sup>th</sup> grade student may apply to the Laboratory Science PTECH Pathway at Henninger High School.

### Cost

There is no cost for the Clinical Laboratory Sciences PTECH Pathway.

### Where

Students in the Laboratory Science PTECH Pathway will attend Henninger High School.

### Apply

During the 8<sup>th</sup> grade year, students apply online at [www.scsd.us](http://www.scsd.us) or in person at the **Student Registration Center (1005 W. Fayette St.)**.

All applicants (accompanied by a parent or guardian) must complete an in-person interview with Henninger staff.

Do you like science, problem solving, performing hands-on laboratory experiments or are you interested in an excellent career in healthcare?

**The PTECH Laboratory Science Pathway may be for you!**