



Chippewa Valley Schools
Career Technical Education

Health Science

In Partnership With



The **Medical Academy** offers certification as a **Patient Care Technician** through the **National Health Association** to start your pathway into a healthcare career. This may satisfy work/volunteer hours required in many premedical programs.

The mission of the **Medical Academy** is to provide high school students with relevant experiences in healthcare. Students will develop foundational skills through hands-on training, classroom instruction and clinical rotations. Enrollment in the academy will empower students to make informed decisions regarding career opportunities in healthcare and in college.

The companion **English courses** provide curriculum specific to a career in healthcare. College and career-based lessons will focus on medical ethics, survival,

Work Based Learning

Medical Academy senior year students will provide quality care alongside healthcare professionals in the hospital setting.

- ◆ 6-7 months hospital rotations, 3-4 days a week
- ◆ Hospital experience will include:
- ◆ Physical Therapy/ Occupational Therapy
- ◆ Emergency department
- ◆ Ambulatory services
- ◆ Oncology
- ◆ Neurology
- ◆ Telemetry



Dakota High School
Medical Academy Instructors:
Mrs. Jennifer Gebhardt, Medical Careers 1
jgebhardt@cvs.k12.mi.us (586) 723-2980
Mrs. Julie Zemnickas, Medical Careers 2
jzemnickas@cvs.k12.mi.us (586) 723-2953
Mrs. Kristina Sobota, Medical English
ksobota@cvs.k12.mi.us (586) 723-2972
Mrs. Tracy Tancredi, Medical English
ttancredi@cvs.k12.mi.us (586) 723-2965



All CTE programs follow the District's policies of nondiscrimination on the basis of race, color, religion, national origin or ancestry, gender, age, disability, height, weight or marital status in all programs, activities, and employment. In addition, arrangements can be made to ensure that the lack of English language skills is not a barrier to admission or participation. Support services are available through Carl D. Perkins Education Act for students with special needs
NOTICE OF NONDISCRIMINATION It is the policy of Chippewa Valley Schools not to discriminate on the basis of race, color, religion, national origin or ancestry, gender, age, disability, height, weight or marital status in its programs, services, activities, or employment. Inquiries related to nondiscrimination policies should be directed to: Civil Rights Coordinator, Assistant Superintendent of Human Resources, Chippewa Valley Schools Administration, 19120 Cass Avenue, Clinton Township, MI 48038
Phone: 586-723-2090 / Nondiscrimination inquiries related to disability should be directed to: Section 504 Coordinator, Director of Special Services, (same address) Phone: 586-723-2180

Examples of post secondary education pathways in healthcare

- Associate of Science in Nursing (ASN)
- Bachelor of Science in Nursing (BSN)
- Bachelor of Science – Biology/Pre-Med
- Bachelor of Science – Medical Technology
- Certified Registered Nurse Anesthetist (CRNA)
- Doctor of Physical Therapy (DPT)
- Doctor of Pharmacy (D Ph.)
- Doctor of Dental Science (D.D.S. or D.M.D.)
- Doctor of Medicine (M.D. or D.O.)

Examples of careers in healthcare

- ◆ Nurse/Nurse Practitioner
- ◆ Physician's Assistant
- ◆ Physical Therapist/Assistant
- ◆ Occupational Therapist/Assistant
- ◆ Medical Doctor// Doctor of Osteopathy
- ◆ Forensic Pathologist
- ◆ Chiropractor
- ◆ Speech Language Pathologist
- ◆ EMT/Paramedic
- ◆ Radiation Therapist
- ◆ Patient Care Tech
- ◆ Bio Medical Engineering

Did You Know? Medical Academy classes can meet these graduation requirements:

VPAA Credit—Students can fulfill the required 1 credit of Visual, Performing, and Applied Art (VPAA)

World Language Credit—Students may replace 1 credit of World Language with 1-credit of Medical Careers when this course is taken as a 2nd VPAA credit.

Science Credit— Students earn .5 credit in the second semester of Medical Careers 1, and 1 credit in Medical Careers 2, called 'Anatomy in Health and Disease.

"I get to practice what I learn in the classroom at the hospital."

Medical Academy Courses

2-year program of study

"Explore, Experience, Excel"

YEAR 1

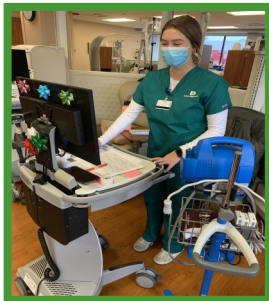
Medical Careers 1A/ Anatomy in Health and Disease 1B (1 hour/1 year)

Do you have a strong interest in a medical career? While in the program you will **explore** your healthcare interests, **experience** amazing opportunities, and prepare to **excel** in the real world. You will be trained in essential skills as a **Patient Care Technician**. Certification will be offered through the National Health Association (NHA). Learning includes, but not limited to: vital signs, CPR/ First Aid, medical terminology, and infection control.

Medical English 11A/11B

Required companion course to Medical Careers 1 (1 hour/1 year)

Expand your critical thinking skills, ability to research, Discuss, and write through the lens of medically related topics. You will master a variety of writing formats including essays, creative and technical writing as well as SAT preparation. Using Technology, we will further advance presentation skills individually and as a team.



YEAR 2

Medical Careers 2A / Anatomy in Health and Disease 2B 2 hours/1 year)

Prerequisites: Medical English 11A/B and Medical Careers 1A/1B with a minimum of a 3.0 in both classes. Acceptance only by application.

In Year Two of the Medical Academy, you will continue to learn the required topics to earn the **Patient Care Technician certification**. Upon completion of this program, you may be eligible for PCT certification.

Qualified students will attend Henry Ford Hospital Macomb and work alongside health professionals.

Medical English 12A/12B

Required companion course to Medical Careers 2 (1 hour/1 year) Same Pre-reqs as Medical Careers 2

You will learn and apply critical thinking, research, writing and communication skills in an online format. Utilizing Schoology, you will expand on themes presented in Medical Academy English 11. You will gain organizational and time management skills that prepare you for your future career in health care.

Articulation — Students completing the Medical Academy program of study have received articulated college credit at Macomb Community College, Henry Ford College, Oakland Community College and Washtenaw Community College. Students have received **direct admission** to nursing (and other programs) at colleges such as the University of Detroit Mercy, Wayne State, Oakland University, and more...

Certifications Offered:

- ◆ **Certified Patient Care Technician**
- ◆ **Healthcare Provider BLS CPR**
- ◆ **Heartsaver CPR/AED and First Aid**
- ◆ **Stop the Bleed**
- ◆ **Bloodborne Pathogens**
- ◆ **FEMA ICS 100/700**

HOSA: Future Health Professionals is the national **Career Technical student Organization (CTSO)** for students interested in a career in healthcare sponsored by Chippewa Valley Schools. HOSA's mission is to enhance the delivery of compassionate, quality health care.

- ◆ Student Leadership
- ◆ Networking
- ◆ Student Professional Organization
- ◆ Competition/ Scholarship



Internship

Seniors only (1 or 2 hours)

As a senior in the Medical Academy, you can have a paid work experience in the healthcare field. An Individual Educational Training Plan and Training Agreement are developed for each student-trainee detailing his/her specific learning activities. Students are expected to work at least 100 hours (1 hour course) or 200 hours per semester (2-hour course). activities.

"The Medical Academy put me ahead of others in college and made me aware of what it is like to be in a hospital."