

CHIPPEWA VALLEY SCHOOLS

Career and Technical Education



MEDICAL ACADEMY

The mission of the Medical Academy is to provide high school students with unparalleled preparation experiences in healthcare that develop essential foundational skills through a combination of hands-on, classroom and hospital-based, clinical rotations. Students are empowered to make informed decisions regarding career opportunities in healthcare and postsecondary options to achieve their goals. The companion English courses uniquely support this goal by presenting rigorous and relevant college preparation English through literature related to healthcare.

Examples of Careers:

- Athletic Trainer
- Chiropractor
- Emergency Medical Technician (EMT) / Paramedic
- Medical Doctor
- Medical Physicist
- Nurse
- Nurse Practitioner
- Occupational Assistant
- Occupational Therapist
- Patient Care Technician
- Pharmacist
- Physical Assistant
- Physical Therapist
- Physician's Assistant
- Radiation Therapist
- Speech Language Pathologist

Examples of Degrees, Certificates and/or Certifications

- Associate of Science in Nursing
- Associates Degree
- – Surgical Technology
- 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 (DDS)
- Doctor of Medicine (M.D. or D.O.)
- Emergency Medical Technician (EMT) / Paramedic Certification
- Patient Care Technician certification



WORK BASED LEARNING

Medical Academy is an innovative, hands-on program of study designed for high school students who want to learn about career options in the field of healthcare and develop the skills for continuing success in college and the workplace. The skill-based Medical Careers courses offer medical terminology, anatomy and physiology relating to patient care. During the senior year a student will spend 2 hours/day in the hospital 3 days/week for 8 months, rotating through multiple hospital departments. It is the ultimate work-based learning experience! Chippewa Valley Schools' graduates of the Medical Academy are exceptionally well prepared for postsecondary education regardless of the career path they pursue.



Classes can meet the following graduation requirements:

Visual and Performing Arts Credit

World Language Credit

Articulation — Earn College Credits

Students successfully completing the CTE State-approved program may be eligible for tuition free credit.

Medical English Instructors:

Ms. Michelle Clancy
mclancy@cvs.k12.mi.us
586.723.2504

Ms. Kristina Sobota
ksobota@cvs.k12.mi.us
586.723.2971

Ms. Tracy Tancredi
ttancredi@cvs.k12.mi.us
586.723.2965

Medical Academy Instructors:

Ms. Hilda Martin-Lynch
hmartinlynch@cvs.k12.mi.us
586.723.2565

Ms. Samantha Reichling
sreichling@cvs.k12.mi.us
586.723.2567

Ms. Heather Hellem
hhellem@cvs.k12.mi.us
586.723.2980

Ms. Julie Zemnickas
jzemnickas@cvs.k12.mi.us
586.723.2953



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 CAREERS:

- Athletic Trainer
- Chiropractor
- Emergency Medical Technician (EMT) / Paramedic
- Medical Doctor
- Medical Physicist
- Nurse
- Nurse Practitioner
- Occupational Assistant
- Occupational Therapist
- Patient Care Technician
- Pharmacist
- Physical Assistant
- Physical Therapist
- Physician's Assistant
- Radiation Therapist
- Speech Language Pathologist

EXAMPLES OF DEGREES, CERTIFICATES AND/OR CERTIFICATIONS

- Associate of Science in Nursing
- Associates Degree
- – Surgical Technology
- 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 (DDS)
- Doctor of Medicine (M.D. or D.O.)
- Emergency Medical Technician (EMT) / Paramedic Certification
- Patient Care Technician certification

CHIPPEWA VALLEY HIGH SCHOOL



WORK BASED LEARNING

Medical Academy is an innovative, hands-on program of study designed for high school students who want to learn about career options in the field of healthcare and develop the skills for continuing success in college and the workplace. The skill-based Medical Careers courses offer medical terminology, anatomy and physiology relating to patient care. During the senior year a student will spend 2 hours/day in the hospital 3 days/week for 8 months, rotating through multiple hospital departments. It is the ultimate work-based learning experience! Chippewa Valley Schools' graduates of the Medical Academy are exceptionally well prepared for postsecondary education regardless of the career path they pursue.

DAKOTA HIGH SCHOOL



HENRY FORD
MACOMB HOSPITALS



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.



MEDICAL ACADEMY



INSTRUCTORS:

Medical Academy Instructors:

Ms. Hilda Martin-Lynch
hmartinlynch@cvs.k12.mi.us
586.723.2567

Ms. Samantha Reichling
sreichling@cvs.k12.mi.us
586.723.2565

Ms. Heather Hellem
hhellem@cvs.k12.mi.us
586.723.2980

Ms. Julie Zemnickas
jzemnickas@cvs.k12.mi.us
586.723.2953

Medical English Instructors:

Ms. Michelle Clancy
mclancy@cvs.k12.mi.us
586.723.2504

Ms. Kristina Sobota
ksobota@cvs.k12.mi.us
586.723.2971

Ms. Tracy Tancredi
ttancredi@cvs.k12.mi.us
586.723.2965

DON'T JUST CHOOSE A CLASS ~ CHOOSE A CAREER

MEDICAL ACADEMY

The mission of the Medical Academy is to provide high school students with unparalleled preparation experiences in healthcare that develop essential foundational skills through a combination of hands-on, classroom and hospital-based, clinical rotations. Students are empowered to make informed decisions regarding career opportunities in healthcare and postsecondary options to achieve their goals. The companion English courses uniquely support this goal by presenting rigorous and relevant college preparation English through literature related to healthcare.



CLASSES CAN MEET THE FOLLOWING GRADUATION REQUIREMENTS:

- Visual and Performing Arts Credit
 - World Language Credit
- Articulation — Earn College Credits

Students successfully completing CTE state approved classes, may be eligible for tuition free credit.

9263/9264 MEDICAL CAREERS 1A / ANATOMY IN HEALTH & DISEASE 1B

Grades 11

Prerequisite: Successful completion of 10th grade English, science, and math courses.

Co-requisite: Medical English 11A/11B. This course will prepare you for college and a career in the healthcare field. This is a patient-care skill-based course that provides the foundation to pursue a career in healthcare. Students will also be trained in essential skills to earn a Patient Care Technician Certificate. Learn patient care skills including vital signs, CPR/First Aid, medical terminology, and infection control. Upon completion of this course, students earn ½ credit in Career and Technical Education and ½ credit in Anatomy in Health and Disease (elective science credit). Students interested in applying for Medical Academy II will be required to meet specific attendance, grade, and employability skill requirements. Student selecting Medical Careers I, as well as students applying to Medical Academy II, are required to take the companion Medical English 11 or 12 course.

1 hour
0.5/0.5 credit

2125/2126 ENGLISH

11A/11B Grade 11

Prerequisite: Successful completion of English 10 or Advanced English 10 This Medical Academy English course will meet all of the eleventh grade English content standards in reading, writing, speaking, and listening. This course is designed to provide students with the critical thinking, writing and research skills needed to succeed in any challenging post-secondary curriculum. Students will master a variety of writing formats including essays, research, creative and technical writing. Students will improve in the areas of grammar, vocabulary, and rhetoric. Technology will be utilized for instruction and presentations, both group and individual. Students will prepare for the SAT AND ACT – Work Keys exams and Michigan Merit Exam by practicing specific test-taking strategies. The curriculum explores healthcare topics through the lens of English language arts. This course is the REQUIRED companion English course for Medical Careers 1 students.

1 hour
0.5/0.5 credit

9273/9274 MEDICAL CAREERS 2A BC / ANATOMY IN HEALTH & DISEASE 2B BC

Grades 12

Prerequisite: Successful completion of Medical Academy 1A/1B and Medical English 11A/11B (or AP English I/II) with a minimum of 3.0 GPA. Attendance, employability skills and teacher recommendation are evaluated. **Co-requisite:** Medical English 12A/12B.

Students must apply and receive acceptance during junior year to register for the senior level of the Medical Academy. This course will continue learning and training from Medical Academy 1A/1B, while preparing you for college and employment in the healthcare field. Students will gain additional skills including Phlebotomy, specimen collection, application and recording of ECG's (electrocardiograms). A clinical component will also be offered to qualified students who meet department criteria. These students will gain additional hands-on instruction by spending class time at the Hospital during scheduled class time for 6 months, in which they will apply the skills they have learned in the Medical Academy. Students will be completing the Patient Care Technical program and will be eligible to test for certification at the end of second year. Students interested in a career in healthcare benefit from the on-the-job training, patient care skills, education in anatomy and physiology, medical terminology, and certifications offered in the 2-year program. Upon completion of this course, students earn 1 credit in Career and Technical Education and 1 credit in Anatomy in Health and Disease (elective science credit). Successful completion of year 1 and 2 may lead to employment eligible to apply for entry level jobs at the end of the program within hospitals and clinics.

2 hour
1.0/1.0 credit

2127/2128 ENGLISH

12A/12B Grade 12

Prerequisite: Students need to have a minimum of a 3.0 GPA in Medical Careers 1 and Medical English 11A/11B or AP English Language I/II. Students must apply and receive acceptance during their junior year to register for the senior level of the Medical Academy. This Medical Academy English course meets the English Content Standards in reading, writing, speaking and listening in addition to meeting the on-line learning requirements for the Michigan Merit Curriculum. Students will develop critical reading, writing, research and analytical skills. This course includes tests, quizzes, writing assignments, individualized vocabulary and grammar study, discussion boards, projects and debates, all delivered in an online format. This course's content is rigorous and requires highly motivated, organized students who are able and willing to work independently. This course is the REQUIRED companion English course for Medical Careers 2 students.

1 hour
0.5/0.5 credit

9281/9282 MEDICAL CAREERS INTERNSHIP 1/2

9283/9284 MEDICAL CAREERS INTERNSHIP 1A/1B

Grade 12

Medical Careers 1A and concurrently enrolled in Medical Careers 1B or 2A BC/2B BC.

Available to Juniors and Seniors, this course may be taken for one or two hours. An Individual Educational Training Plan and Training Agreement are developed for each student-trainee detailing his/her specific learning activities. *Note: A student who chooses the Internship course for either one or two hours is expected to meet 200 hours of work per semester and provide their own transportation.*

2 hour
1 hour
1.0/1.0 or 0.5/0.5 credit