



## Engineering/ Manufacturing and Industrial Technology

*Careers related to technologies necessary to design, develop, install or maintain systems.*

## Pre-Engineering & Computer -Aided Design



This course provides students fundamental skills of design and engineering through the

creation of drawings and 3D geometry using AutoCAD, Solidworks & NX; and see their designs come to life through the use of 3D printing. Students are introduced to the field of design and engineering through hands-on projects and competitions.

## Building Trades

This course provides students foundational skills needed for careers in the construction and building



trades industries. Students learn industry related vocabulary, scale/blueprint reading, construction calculations, measuring, a variety of tools used in construction, ranging from basic hand-tools to modern power tools/equipment.



## Metal Technology

This course introduces students to a variety of basic machining and welding skills, such as milling and lathe operations, to precision hand tool useage, as well as MIG, TIG, Stick Welding and Cutting Torches. In our cutting-edge welding and machining lab in addition to safety, students have the opportunity to learn hands on skills and the basic set-up and self-operation of the equipment.



## Collision Repair

This is a National Automotive Technical Education Foundation (NATEF) certified program that provides students

foundational skills in a real-world shop setting. Students are introduced to metalworking, painting, body repair, MIG welding and shop safety.



## Health Sciences

*Careers related to the promotion of health as well as the treatment of injuries and disease.*

## Health Science

This course provides students foundational skills of Health Science exposing them to various carers in the healthcare industry. Students have the opportunity to tour healthcare facilities, such as Ascension Macomb-Oakland, and job shadow professionals in various settings.



## Dental Science

This course provides students foundational skills of Dental Science, including basic dental vocabulary, and identification of basic dental tools. Students learn about dental related careers such as Dental Hygienist, Dental Assistant and Dental Laboratory Technician.



## Emergency Medical Tech



This course focuses on care and treatment of critically ill and/or injured persons in an emergency setting. Students that meet unpaid ambulance/ ER clinical hours

requirements and successfully complete the course will be eligible to take the National Registry exam. If or when students turn 18-years-old, they will be able to obtain EMT level medical licensure from the State of Michigan.

## Health Science Exploration

This course advances students foundational skills of Health Science. Students learning about specialties in the field of Health Science such as Sports Medicine, Physical Therapy, Radiology Technician, EKG Technician, Veterinary Science, Ophthalmology, Clinical Lab Technician, Medical Office Assistant, and Pharmacology.



## Health Science Internship

Selected second year Health Science students spend three days per week working with patients at Ascension Macomb-Oakland Hospital. Students participate in exciting year-long team building exercises in class advanced CPR, Gerontology & industry specific safety.



## Business Management, Marketing and Technology

*Careers related to all aspects of business including accounting, business administration, finance, information processing and marketing.*

## Marketing & Entrepreneurship

This course provides students a foundation of the principles and concepts of marketing, as well as retail management. Students will learn about product promotion, planning, budgeting, and the nature and scope of sales. Entrepreneurship focus on planning, owning and running a small business, including the legal requirements. Students get hands-on experience by working in the school store.



## Computer Information Systems



This course provides students with the fundamentals of programming, 2D & 3D game design, and web and app development. Students learn programming languages

such as HTML, CSS, Javascript, Python, C Sharp, C++, Java, and MYSQL among others, as they traverse the design process creating their own playable video games and apps. Valuable skills learned in this program make the transition to college and career seamless.

## What is CTE?

Career and Technical Education (CTE) is an essential component of the education system in Warren Consolidated Schools and the State of Michigan. CTE classes at the Career Prep Center provide technical skills and knowledge for students to succeed in careers and the workplace. These skills incorporate teamwork, problem solving, and the ability and to find and use pertinent information. CTE classes combine real world learning with rigorous academic subjects such as Math and Science.

## What is CPC

Career Prep Center (CPC) is a Career & Technical Education (CTE) building, within Warren Consolidated Schools (WCS). We offer fifteen-plus high skill, high wage, high demand career focused programs within our building, along with a number of additional programs housed in the three WCS traditional high schools.



While we service a small number of students from the neighboring districts, the vast majority of our students are coming to us from within our WCS district: Sterling Heights, Cousino, Warren Mott, and Community High Schools.

We are extremely proud of our students and their accomplishments throughout the year. We are also proud to service our community, parents, industry partners and other stakeholders throughout our district and extended area.

In compliance with Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975, the Americans with Disability Act of 1990, the Elliott-Larsen Civil Rights Act of 1977, and the Genetic Information Nondiscrimination Act of 2008, it is the policy of the Warren Consolidated Schools that no person shall, on the basis of race, color, national origin, sex, (including sexual orientation or transgender identity), disability, age, religion, height, weight, marital or family status, military status, ancestry, genetic information, or any other legally protected category, (collectively, "Protected Classes") be excluded from participation in, be denied the benefits of, or be subjected to, discrimination during any program, activity, service or in employment. Inquiries should be addressed to the Chief Operating Officer, 31300 Anita, Warren, Michigan 48093, (586) 825-2400, ext 63110.



12200 15 Mile Road  
Sterling Heights, MI 48312  
586-825-2800 - Fax: 586-698-4177  
www.wcskids.net/cpc/

## Work Based Learning

In addition to gaining hands-on training in classroom environments that simulate industry norms, second year students have the opportunity to participate in one of our work-based education programs. Through partnerships with local businesses, work-based education utilizes industry to help educate and train students. This practical experience allows students to easily see the direct relationship between what is being taught in the classroom, and the skills or behaviors required to be successful in a particular industry. Work-based education opportunities include job shadowing, short term unpaid work experiences and long term paid work experiences (co-op).

## Front Office Support Staff:

**Carlie McClenathan, Principal/CTE Director**  
CMcClenathan@wcskids.net  
586-698-4173

**Kim Teschke, Secretary to Principal**  
KTeschke@wcskids.net  
586-698-4173

**Gina Asaro, Counselor**  
gasaro@wcskids.net  
586-698-4178

**Counseling Clerk**  
586-698-4582

**Maria DeWitte, Special Education TC**  
mdewitte@wcskids.net  
586-698-4590

**Jim Mandl, Work Based Coordinator**  
JMandl@wcskid.net  
586-698-9787



## Arts and Communications

*Careers related to humanities and the performing, visual, literary and media arts.*



## Graphic Design

Graphic Design is all around you. This course is designed for students who are interested in expressing themselves both visually and digitally. In this class,

students learn about graphic design principles, basic photography, image manipulation, many forms of typography, and design layout through the completion of print and multimedia-based assignments. We use state of the art equipment, drawing tablets, and the Adobe Creative Suite.



## Human Services

*Careers in child care, civil service, education, hospitality and the social services.*

## Culinary Arts

This course prepares students in the areas of food service, food preparation and hospitality. Students will gain knowledge and experience in all aspects of the culinary industry, including cooking techniques, baking, catering, and full restaurant services.



**Be Respectful,  
Be Professional, &  
Be Engaged  
at CPC**