



# Explore the World of CTE Careers!



## CTE Mission

Prepare and support high school students for a smooth transition into high-skill, high-wage, and/or high-demand careers and appropriate postsecondary education.

## CTE Programs

Provide students instruction and experience in the real-world application of academic skills, industry-based skill standards and interpersonal workplace skills and behaviors in order to become intern-ready for employment and/ or postsecondary education. These programs also provide students the opportunity to earn college credit while in secondary CTE programs.



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Harper Woods School District  
**College and Career  
Institute**

**CCI**

*Harper Woods School District Board of Education  
Superintendent, Steven McGhee*



# 2020-2021 CTE Programs of Choice

## Marketing, Sales and Services

This program focuses on planning, managing, and performing wholesaling, retailing services and related marketing and distribution support services including merchandise/product management and promotion. Various specialty areas are included. Skills acquired in this course include customer service; problem solving; process/system thinking; project management; communication; and decision-making.

## Computer Systems Networking and Telecommunications

This program focuses on the design implementation, and management of linked systems of computers, peripherals, and associated software to maximize efficiency and productivity. It prepares students to function as network specialists and managers at various levels. It includes instruction in operating systems and applications; systems design and analysis; networking theory and solutions; types of networks; network management and control; network and flow optimization; security; configuration; troubleshooting; project management; identifying customer needs and providing technical support.



## Radio & TV Broadcasting Technology

This program prepares students to apply technical knowledge and skills to the production of radio and television programs; and related operations under the supervision of broadcast and studio managers, directors, editors, and producers. This program includes instruction in sound; lighting; camera operation and maintenance; power and feed control; studio operations; production preparation; broadcast engineering; related computer applications; and specialized applications such as news, entertainment, live talk, sports, commercials, and taping. This course links to the knowledge and skills critical in Broadcast, Film and Journalism; and Audio Video Communication Technology.

***Providing all learners the tools needed to succeed in an ever changing world.***

It is the policy of the School District of the City of Harper Woods that no discriminatory practices based on gender, race, religion, color, age, national origin, disability, height, weight, or any other status covered by federal, state or local law be allowed in providing instructional opportunities, programs, services, job placement assistance, employment or in policies governing student conduct and attendance. Any person suspecting a discriminatory practice should contact the Assistant Superintendent at the School District of the City of Harper Woods, 20570 Kelly Rd, Harper Woods, MI 48225 or call (586) 209-2400.

## Cooking and Related Culinary Arts

This program focuses on preparing students for management, marketing, and operations of restaurant and other food services; lodging, attractions, recreation events, and travel related services. Skills acquired in this program include operational and management skills; event planning and organization; customer service; aspects of the travel industry; food preparation; time management; communication; decision making; project management; and entrepreneurship.

## Computer and Information Systems Security/Assurance

This program prepares students to assess the security needs of computer and network systems, recommended safeguard solutions, and manage the implementation and maintenance of security devices, systems, and procedures. Includes instruction in computer architecture, programming, and systems analysis; networking; telecommunications; cryptography and troubleshooting.

## Graphics & Printing Technology and Communications

This program prepares students to apply technical knowledge and skills in the manufacturing and distribution or transmission of graphic communications products. This includes instruction in the pre-press, press, and post-press phases of production operations; and processes such as offset lithography, texography, gravure, letterpress, screen-printing, foil stamping, digital imaging, and other reproduction methods.