



Oakland Schools
TECHNICAL CAMPUSES



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Your one stop to career and college readiness!



So, what is OSTC anyway?

OSTC (Oakland Schools Technical Campus) is a valuable extension of your high school and brings you customized self-directed learning that guides you toward future career success.

At OSTC, students can find career direction, fulfill high school graduation requirements, earn college credits, join student organizations and make new friends who share their interests. Whether you plan to attend OSTC to get a jump on college credit offerings or earn industry-based certifications to immediately pursue a career, OSTC's industry and educationally certified staff will guide you in reaching your career goals. Did you know that 69 percent of all Oakland Schools Technical Campus students are enrolled in a university, technical school or college?

Academic Course Offerings



Most of the campus programs offer academic credits for third year math and fourth year science as well as English Language Arts. Math and science concepts are embedded into the curriculum so students learn firsthand how these concepts are applied to real-world applications. To view a complete listing of the academic credit offerings for all Career Technical Education (CTE) programs offered at our campuses, [click here](#).



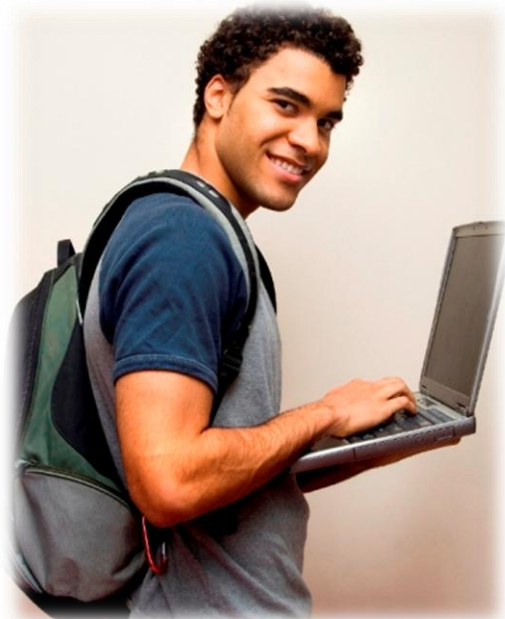
Discover your passion
Create your dream

Career training and skill development takes place at one of four, state-of-the-art, multi-million dollar technical campuses in Oakland County. Our wide-range of curriculum offerings are found in nine nationally-recognized career “clusters” and developed around broad occupational areas. Each career cluster provides concentrated learning through different, yet related, career options. These nine clusters include:

- Biotechnology and Environmental Science
- Business, Management, Marketing, and Technology (BMMT)
- Construction Technology
- Culinary Arts and Hospitality
- Engineering/Emerging Technologies
- Health Sciences
- Human Services/Cosmetology
- Transportation Technology
- Visual Imaging Technology

And, believe it or not, OSTC IS FREE to you and your school! Transportation is also provided by your home school.

OSTC, It's all that... and more!



OSTC offers you huge opportunities for learning career skills and preparing for your future. Spend half of your school day at your home school and half of the day at a technical campus. You can choose either a morning or afternoon session, and experience the following OSTC opportunities:

- Advanced applied academics
- Field trips
- Meet students from other school districts with similar interests
- Paid and unpaid internships
- Self-directed and group learning
- Student organizations
- Work-based training experiences

Biotechnology and Environmental Science

This one or two year program is designed to prepare students with the skills necessary to successfully enter one or more of the following career areas: Natural Resources Systems, Environmental Systems, Animal Systems, and Plant Systems.



Agribusiness and marketing skills, customer service, and biotechnology are provided as a significant portion of all curriculum areas. Technology is a significant component of the curriculum in the areas of aquaculture, hydroponics, tissue culture, and data transmission networking (meteorology, commodities and futures trading). The curriculum also includes greenhouse, organic garden, landscape management, schoolyard wildlife habitat, rain forest, animal laboratory, floristry, poultry habitat and small business management. To learn more about this program, [click here](#).

Academic Credit Offerings

See what high school academic credits students can earn by enrolling in this program.

Free College Credits

Learn how students may be eligible to earn FREE college credits at post-secondary institutions while enrolled in this program.

Business, Management, Marketing, and Technology

In the Business, Management, Marketing, and Technology cluster, students learn Information Technology skills in Networking and PC Troubleshooting, Web Development, Database Administration and Programming. Within these career opportunities, students can earn the following certifications: Certified Internet Webmaster (CIW), A+, Network+, and Microsoft Certified Professional (MCP), among others. In addition, in the Business Management & Ownership career opportunity, students learn entrepreneurship skills that provide them with the knowledge necessary to manage and run their own business. They can also participate in an online partnership with Macomb Community College; earn college credits and a Certificate of Entrepreneurship over two years. Students may also choose to complete a real estate course and sit for their Michigan real estate license. All students will have the opportunity to earn Microsoft Certified Application Specialist (2007) certifications and a Customer Service Certification. To learn more about this program, [click here](#).



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Construction Technology

The Construction Technology cluster provides students with opportunities to learn skills to work in all areas of the construction field including: carpentry, interior/exterior finishing, electrical, plumbing, masonry, heating, ventilation, air conditioning and refrigeration (HVAC), home repair, building and grounds maintenance, and construction management. To learn more about this program, [click here](#).



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Cosmetology

Successful completion of the Cosmetology program allows the student to apply for state licensing exams (requires post secondary attendance). This course includes extensive hands-on instruction using an advanced integrated curriculum in academics, technical, and workplace skills. Core skills include entrepreneurship, salon ecology, safety and electricity, general anatomy, and chemistry. Technical skills include hair care and treatments, esthetics, nail technology, hair cutting and hair coloring. To learn more about this program, [click here](#).



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Culinary Arts/Hospitality

This cluster prepares students for a broad background of skills and knowledge utilizing industry-based tools, equipment and technology required to be productive in a modern commercial kitchen with applications in business procedures for



today's professional. Computer systems are used to maintain inventory, place orders, and produce communications through simulations of actual industry situations. Training is provided in cooking, menu design, staffing and scheduling, food preparation, and financial management. Additionally, students will contribute to the day-to-day operations of a restaurant and catering services. Travel, tourism and hospitality fundamentals are also covered in this two-year program. To learn more about this program, [click here](#).

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Engineering/Emerging Technologies

This course is an intensive hands-on program designed to prepare students with skills necessary to successfully enter engineering and manufacturing technology careers. In addition to completing core/foundation skills



(hydraulics/pneumatics, computerized design processes, robotics, and electricity/electronics) students are trained in high-tech engineering technologies including virtual simulation, computerized manufacturing, and rapid prototyping. To learn more about this program, [click here](#).

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Health Sciences

The Health Sciences cluster provides students with core and foundation skills for health fields such as medical assisting, laboratory, medical office technology, dental assisting, optical technology, nursing, and pharmacy. Also, students will

gain an understanding in all areas of the health core curriculum including safety, anatomy and physiology, asepsis, ethics, medical terminology, pharmacology, prevention and office procedures. Additional training opportunities are available in phlebotomist, EKG technician, sports safety, radiology aide, surgical technical aide, respiratory therapy aide, occupational therapist, physical therapist, dietary aide, and medical records and billing. To learn more about this program, [click here](#).

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Transportation Technology

The Transportation cluster provides an intensive hands-on program designed to prepare students with skills necessary to successfully enter into transportation careers. In this one or two year course, the student will gain core and foundation

skills related to gas and diesel engine theory, auto collision repair and refinishing, basic mechanical principles and the use of computerized diagnostic tools and equipment. Students will gain competency in safety concepts, equipment operation, and measuring. Safety, shop orientation, and tools and equipment are also part of the curriculum. The transportation cluster has National Automotive Technicians Education Foundation (NATEF) and Automotive Service Excellence (ASE) certification in Automotive Technology and Collision Repair. To learn more about this program, [click here](#).

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Visual Imaging Technology

Students of the Visual Imaging cluster will be training towards careers that communicate ideas and information to the public and include the areas of graphic communication, design communication, interactive multimedia/animation, and audio, video and film production skills and processes. This cluster provides training opportunities in screen-printing, press operations and bindery; graphic layout, advertising design and marketing presentations used in “flat art” or the print publishing world. As for the electronically distributed universe, the student will be introduced to audio and video, and interactive media design and implementation used in radio, DVD, CD-ROM and the World Wide Web. To learn more about this program, [click here](#).



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Oakland Schools does not discriminate on the basis of sex, race, color, national origin, religion, height, weight, marital status, sexual orientation (subject to the limits of applicable law), age, genetic information, or disability in its programs, services, activities or employment opportunities. Inquiries related to employment discrimination should be directed to the Director of Human Resources at 248.209.2059, 2111 Pontiac Lake Road, Waterford, MI 48328-2736. For all other inquiries related to discrimination, contact the Director of Legal Affairs at 248.209.2062, 2111 Pontiac Lake Road, Waterford, MI 48328-2736