

OAKLAND SCHOOLS TECHNICAL CAMPUS

Lake Orion High School juniors and seniors have the opportunity to enroll at Oakland Schools Technical Campus (OSTC). They will attend either the morning or the afternoon session along with students from Pontiac, Avondale, Rochester and Oxford school districts. Students will earn four (4) credits at Lake Orion High School and four (4) credits at OSTC per year. Bus transportation is provided for all students attending OSTC.

Oakland Schools Technical Campus – Northeast
1371 N. Perry Street
Pontiac, MI 48340
(248) 451-2700

The programs offered at the Oakland Schools Technical Campus - Northeast in Pontiac are as follows:

- **Business Management, Marketing & Technology (BMMT) OTCBMT**
Four credits per year, one or two year program

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 and 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) certification and a Customer Service Certification.

- **Construction Technology OTCCON**
Four credits per year, one or two year program

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.

- **Cosmetology OTCCOS**
Four credits per year, two year + program (1500 Hours/ Mandatory Summer School before Junior and Senior Year – Tuition Charged)

The Cosmetology cluster 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. Successful completion of the Cosmetology program allows the student to apply for state licensing exams (requires post-secondary attendance).

- **Culinary Arts/Hospitality OTCCAH**
Four credits per year, two year program

The Culinary Arts/Hospitality 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 the two-year program.

- **Engineering/Emerging Technologies**

OTCEMT

Four credits per year, one or two year program

The Engineering/Emerging Technologies cluster 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.

- **Health Sciences**

OTCHMT

Four credits per year, one or two year program

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.

- **Transportation Technology**

OTCTRN

Four credits per year, one or two year program

The Transportation Cluster provides an intensive hands-on program designed to prepare students with skills necessary to successfully enter into the 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 principle 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.

Additional vocational-technical programs are available at Oakland Schools Technical Campus – Northwest located in Clarkston. If a student/parent is interested in career programs at OSTC - Northwest, they need to contact their counselor. **Bus transportation is available for all students attending OSTC.**

Oakland Schools Technical Campus – Northwest
8211 Big Lake Road
Clarkston, MI 48346
248-922-5800

The programs offered at the Oakland Schools Technical Campus – Northwest in Clarkston are as follows:

Biotechnology and Environmental Science **OTCBES**

Four credits per year, one or two year program

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 future trading). The curriculum also includes greenhouse, organic garden, landscape management, schoolyard wildlife habitat, rain forest, animal laboratory, floristry, poultry habitat and small business management.

• **Business Management, Marketing & Technology (BMMT)** **OTCBMT**

Four credits per year, one or two year program

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 and 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) certification and a Customer Service Certification.

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- **Visual Imaging**

OTCVIS

Four credits per year, one or two year program

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 file production skills and processes. This cluster provides training opportunities in screen-printing, press operations and bindery; graphic layout, advertising design and marketing presentation 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.