

Avondale High School  
Oakland Schools Technical Campus



Northeast Campus  
1371 N. Perry Street  
Pontiac, Michigan 48340

### **Oakland Schools Technical Campus Program**

OSTC Northeast welcomes students from Avondale, Lake Orion, Oxford, Pontiac, and Rochester school districts. To visit the OSTC website, click [here](#).

### **ITeam**

Attend this nationally-recognized cluster to prepare for different career opportunities in the following areas:

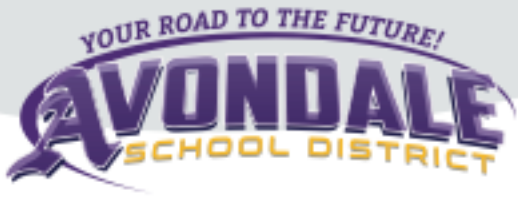
- Business Management and Ownership
- Database Administration and Programming
- Network Administration, PC Support
- Software Development
- Web Development and Design

Acquire business and industry certifications as well as advanced placement and direct college credits! Participate in Microsoft IT Academy, Certified Internet Webmasters partnership, and earn master certification in Microsoft Office! Develop oral and written communications, problem-solving and critical thinking skills, career preparation, leadership and teamwork skills.

### **Electricity/Electronics**

- Fluid Power (Hydraulics/Pneumatics)
- Manufacturing Processes (Machining)
- Quality Assurance/Testing
- Welding/Fabrication

Acquire intensive, hands-on preparation, develop engineering skills, and experience competency-based, computerized modules. Discover advanced technologies such as: Virtual Stimulation, Computerized Control Systems, CNC Machining, Metrology, and Electronic Controls.



### Engineering/Emerging Technologies

Successfully enter engineering and engineering technology careers:

- Automated Material Handling (Robotics)
- Computer Numeric Controls (CNC)
- Design and Engineering
- Design Processes (CAD)

### Construction Technology

Learn how to work in all areas of construction. Develop a career in:

- Air Conditioning
- Cabinet Making
- Carpentry (Rough & Finish)
- Concrete Specialist
- Electrical
- Heating
- Interior Trim
- Masonry
- Paint Specialist
- Plumbing
- Professional Services
- Refrigeration
- Residential Home Repair
- Ventilation

Opportunities to earn math credit, develop effective interpersonal skills in problem-solving, communications, and team building!

### Cosmetology

Attain advanced instruction and intensive, hands-on learning in cosmetology through academics, technical and workplace skills such as:

- Coloring
- Chemistry
- Customer Service
- General Anatomy
- Nail Technology
- Professionalism
- Safety & Electricity
- Salon Ecology
- Skin Care
- Styling
- Teamwork
- Salon Management

Opportunity to earn 1,500 State Board of Cosmetology hours so you can apply for the State of Michigan Cosmetology licensing exam.

### Culinary Arts/Hospitality

Prepare for a broad background of skills and knowledge in culinary arts/hospitality, using industry quality tools, equipment and technology. Learn to be productive, effective and professional in a modern commercial kitchen by learning:

- Catering Services
- Cooking Processes
- Financial Management
- Food & Beverage Preparation
- Industry Application
- Lodging
- Menu Design
- Placing Orders & Inventory
- Restaurant Operations
- Scheduling
- Staffing
- Travel & Tourism



### Health Sciences

Prepare for exciting health careers. Develop skills toward becoming a(n):

- Dental Assistant
- Dietary Assistant
- EKG Technician
- Medical Assistant
- Medical Records Assistant
- Nursing Assistant
- Occupational Therapy Aide
- Pharmacy Technician
- Phlebotomist
- Physical Therapy Aide
- Registered Nurse
- Respiratory Therapist Aide
- Sports Medicine Trainer
- Veterinary Aide

### Transportation Technology

Participate in an intensive, hands-on program that will prepare you to enter various transportation careers:

- Auto Collision Repair
- Auto Collision Refinishing
- Basic Mechanical Principles
- Gas & Diesel Engine Theory
- Marine/Motorcycle Engines
- Small Engines
- Computerized Diagnostic Tools

Gain competency in two-stroke and four-stroke engine theory; diagnosis and troubleshooting; engine performance; electricity and electronics; collision repair and refinishing; power equipment operation; laboratory orientation; marine/motorcycle service and repair; precision measuring; and use of pneumatic and hydraulic tools and equipment. Learn within a National Automotive Technicians Education Foundation (NATEF) certified facility and be taught by nationally recognized International Conference of Automotive Repair (I-CAR) and Automotive Service Excellence (ASE) certified instructors.