Why do we have Career Academies at Fordson High School?

Only ½ of students feel confident that their education and work experience will prepare them for those new jobs. Most jobs that will be available in 2030 don’t exist today.

Data taken from a survey of 223 students conducted by WestEd for New Schools in February 2016.
The Vision:
Education with a Purpose

The Mission:
To prepare every student for post-secondary success in college and/or career by collaborating with industry, post-secondary and community partners to ensure all students engage in a program of study that provides a comprehensive and career focused curriculum.
The Academies of Fordson’s School-Wide Reading Goal

SRI 1200+

Did you know that a reading lexile (SRI Score) of 1200+ is needed to be successful in the high skill/high wage careers that we want for our students?
On-the-Job Lexile Requirements

National Adult Literacy Study

Lexile Score

- Scientist
- Executive
- Supervisor
- Secretary
- Teacher
- Nurse
- Sales
- Foreman
- Craftman
- Clerk
- Construction
- Labor

700 - 900 - 1100 - 1300 - 1500
There are many careers that do **not** require a four year degree!

**Occupational Therapy Assistant**
- Job Growth: 16.7%
- Wage Range: $45,000-$60,000

**Diagnostic Medical Sonographer**
- Job Growth: 8%
- Wage Range: $54,000-$72,000

**Web Developer**
- Job Growth: 2%
- Wage Range: $45,000-$81,000

**Dental Laboratory Technician**
- Job Growth: 25.6%
- Wage Range: $33,000 - $54,000

**Computer Support Specialist**
- Job Growth: 2.5%
- Wage Range: $37,440 - $60,000
The Academies of Dearborn Public Schools @ Fordson

Academy of Business and Hospitality
Academy of Health Sciences
Academy of Human Services
Academy of Industry, Technology and Innovation

Academies of Dearborn Public Schools @ Fordson Pathways
Business and Hospitality
- Accounting
- Business Management
- Culinary Arts
- Fashion Design
- Hospitality
- Interior Design

Health Sciences
- Dentist
- Dental Hygiene/Assistant
- Doctor
- EMS
- Nurse
- Nurse Assistant
- Nutrition
- Therapeutic Services

Human Services
- Broadcasting
- Counseling
- Education
- Education Parapro
- Law Enforcement
- Lawyer
- Paralegal
- Psychology
- Social Work

Industry, Tech and Innovation
- Architecture
- Automotive Tech
- Carpentry
- Computer Tech
- Construction
- Electrical
- Engineering
- Graphic Arts
- Photography
- Plumbing
- Welding

The Academies of Dearborn @ Fordson High School
YouScience: Measures students SKILLS and INTERESTS to help match them with careers

- 10 brain games- identifies your natural abilities and links them to matching careers. Careers that you would be good at.
- Learn what it takes to be successful at these careers and where you can go to get the training and education you need.
- Your results are used to help you choose your academy and to match you with potential opportunities like work-site visits, job shadowing and internships your junior and senior year.
CS Discoveries is an introductory computer science course teaching coding to solve real-world problems using real-world projects. This class stresses the 21st century skills of creativity, problem solving, and communication.
Introduction to Robotics

- Creative Thinking
- Engagement—hands on experience
- Prepares students for the future and changes in technology
- Achieve programming skills
- Involves teamwork
- 21st Century Skills
Where are the jobs in Michigan?

Demand is high

Although not reflected here: Human Services is an area unlikely to be hit hard by the growth of automation: Teaching, Social Work, Lawyers, Police and Fire remain strong career options. Business and Hospitality also has many strong career options.

FHS Coding and Robotics Class applies to all 3 of these areas of demand.
Henry Ford
Middle College Trade School
The Henry Ford Middle College Trade School Program multi-district consortium, is a stand-alone, dual-enrollment Collegiate Academy combining classroom instruction at each student high school, career and technical education classes at Henry Ford College, project-based education, work-based learning and school-to-apprenticeship opportunities, and credentialing.
Henry Ford Middle College Trade School

- Secondary Education
- Labor Unions
- Consortia
- Workforce Agencies
- Business and Industry
- Post Secondary
Students will commence their Trade School Program studies as early as 11th grade and progress through the Trade School Program for up to three years. While completing their regular schooling, Trade School Program students will also be advancing toward achieving one of the following:

- HFC Certificate
- An Associate Degree in Applied Science
- The Michigan Early/Middle College Association Technical Certification
- A 3rd party certification (as applicable)
- Earning up to 30-60 college credits
- Classroom hours toward journey card (as applicable)
- License in a technical trade (as applicable)
Successful students may earn:

- High School Diploma
- HFC Certificate
- HFC AAS Degree
- 3rd Party Certification
- Apprenticeship Hours toward Journey Card
- Bachelor Degree
Opening this Fall 2020, the Henry Ford College Middle College Trade School will offer the following programs:

- Machine Tool Technology/CNC
- Electrical Engineering Technology
- Heating Ventilation Air Conditioning (HVAC)
- Computer Information Systems – Cybersecurity
- Computer Automated Design (CAD)

Fall 2021, HFC will launch new certificate and introductory courses in:

- Plastic Injection Molding (certificate)
- Civil Testing & Inspection Technician (certificate)
- Automotive Cybersecurity (certificate)
- Drone Technology (Design and Programming) - course
- Virtual and Augmented Reality (course)
- Product Design (course)
Henry Ford Middle College Trade School

Applying to HFC:
https://www.hfcc.edu/steps/apply/high-school

Interested students should contact their counselor