



Gratiot-Isabella Technical Education Center

"Preparing students to be college and career ready."

CTE Programs

Business Offerings

- Accounting
- Business Management
- Digital Media/Web Productions
- Marketing

Family & Consumer

Science Offerings

- Cosmetology
- Culinary Arts/Hospitality
- Educational Careers
- Health Careers- CENA- Pharm Tech

Trade & Industry Offerings

- Agricultural Science
- Automotive Technology
- Construction Trades
- Electronics & Computer Repair
- Interior Design
- Machine Trades
- Mechatronics
- Printing/Graphic Communications
- Radio & Television Production
- Small Engine Technology
- Technical Drafting
- Welding

Elements of EVERY CTE Program

- 12 Segments
- Advisory Committee
- Work Based Learning (WBL)
- Leadership Component
- Post-Secondary Articulation



SAFETY and EMPLOYABILTY SKILLS

- Prepare a resume
- Prepare a letter of application
- Complete an employment application
- Interview for employment
- Demonstrate safe dress
- Use of relevant safety gear and personal protective equipment
- Perform machine guarding procedures

Auto Technology

- Engine Repair
- Automatic Transmission and Transaxle
- Manual Drive Train Axles
- Suspension and Steering Systems
- Brakes
- Electrical/Electronic Systems
- Heating and Air Conditioning
- Engine Performance
- Required Supplemental Tasks
- Facility & Mobile Equipment Maintenance
- Transportation, Distribution & Logistics
- Career Ready Practices



Mechatronics

- Systems Integration/
Mechatronics System
- Design/Prototype/
CADD
- Electrical /Motor Controls/VFD/Servo/
Sensor Driven
- Mechanical
- Control Systems/Electrical
controls
- PLC/Diagnostics
- Fluid Power/Pneumatics
- Robotics
- Electronics/Sensors
- Manufacturing/Machining/
CNC
- Quality/Measurements
- Blueprint/Schematics/Drafting



Welding

- Occupational Orientation
- Safety and Health for Welders
- Shielded Metal Arc Welding (SMAW)
- Manual OxyFuel Gas Cutting (OFC)
- Flux Cored Arc Welding (FCAW)
- Drawing and Welding Symbols
- Gas Metal Arc Welding (GMAW)
- Mechanized OxyFuel Gas Cutting (OFC)
- Gas Tungsten Arc Welding (GTAW)
- Plasma Arc Cutting (PAC)
- Weld Inspection and Testing
- Carbon Arc Cutting (CAC-A)





THANK YOU!