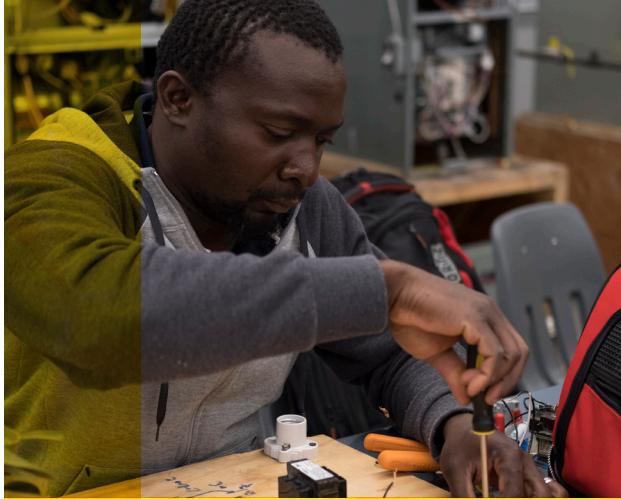


Business Solutions Frederick Community College

The Business Solutions program at FCC offers customized workforce training for local companies. This unique and comprehensive service provides lab and classroom space, equipment, and program oversight. FCC develops training programs in skilled trades with the leadership, instruction, and facilitation of industry experts.



Electrical Lab

This specially-designed lab is built for hands-on training of core skills for electricians:

- Electrical Safety
- Motor Controls
- Green energy solutions

The Electrical Lab accommodates 18 students and features 3 phase- 480/277 volt and single phase- 120/240 volt connections.

Contact information:
BusinessSolutions@frederick.edu
240.629.7982
Frederick.edu/BusinessSolutions



HVAC Lab

The Heating, Ventilation, and Air Conditioning lab area provides an interactive learning space that delivers training in a real-world environment.

- Brazing
- Refrigerant handling & recovering
- System troubleshooting

This lab space can host eighteen (18) students per class, and hand tools are provided for student use. Heavy-duty equipment includes:

- (5) 1.5 ton Heat pump split systems
- (5) Various natural gas furnaces
- (4) Various oil burning furnaces
 - Mitsubishi city multi system
 - Steam Boiler system
 - Water Boiler system



Welding Lab

The welding workspace allows for training in accordance with AWS standards, in SMAW, GMAW, and GTAW using mild steel, stainless steel, and aluminum.

The lab includes PPE & Fume extraction for sixteen (16) students and features industry-leading equipment :

- (14) Miller Syncrowave 200
- (8) Miller Millermatic 252
- (7) Miller XMT 350 with 22a wire feeders
- Miller Spectrum 625 Plasma Cutter
- Miller spectrum 875 Plasma Cutter
- (4) Oxy/Fuel cutting rigs
- Delta drill press
- Edwards 55-ton Ironworker
- Wellsaw 1318 Horizontal Bandsaw