APPLY NOW FOR OUR ELECTRONICS DEGREE PROGRAMS

AUTOMATION & ELECTRICAL CONTROL SYSTEMS
Students will gain fundamental skills in industrial electronics and acquire valuable insight and practical experience with:

- Industrial Control Devices & Wiring
- Digital Electronics
- Computer Networking & Support
- Motor control fundamentals
- Hydraulics & Pneumatics
- PLC Programming & Troubleshooting
- Industrial Robot Programming & Operation

Career Outlook: Upon graduation students will be well prepared for placement into careers such as:

- Industrial electricians
- Service or maintenance technicians
- Industrial robotic technicians.

Many jobs have full benefits and offer stable, long-term career opportunities.

For More Information on Automation & Controls
John McDaniel
jmcdani1@jeffco.edu
(636) 481-3405/797-3000, ext. 3405

BIOMEDICAL ELECTRONICS TECHNICIAN
The field of biomedical electronics unites healthcare with electronics, biomedical device technology and computer information systems. Students will gain insight and experience with the following:

- Biomedical Devices
- Imaging & Radiology
- Hydraulics and Pneumatics
- Anatomy & Physiology
- Computer Support & Networking
- Lasers and Optics
- Examples of medical equipment include: patient monitors, defibrillators, dialysis and heart lung machines along with medical imaging equipment (X-ray, MRI, ultrasound).

Career Outlook: Graduating students will be prepared for a career in biomedical electronics with a hospital, medical supplier, or manufacturer. Also known as clinical engineers, they plan, select, manage and repair medical devices and technologies.

Many jobs have full benefits and offer stable, long-term career solutions.

For More Information on Biomedical Electronics
Melissa Coolich, PhD
mcoolich@jeffco.edu
(636) 481-3540/797-3000, ext. 3540

Evening Class Options Available!
Career placement services available to all graduates!

Both degrees share the same first semester coursework, allowing students to branch into either degree path.

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www.jeffco.edu