



# Electronics Engineering Technology

Department: Industrial Technologies

Degree: Associate of Applied Science

Entry time: Fall

Length: 2 years (4 semesters and 1 summer)

- **Kibbie Grant:** Students in this program may be eligible to have half their tuition paid for by the Kibbie Grant. Go to [www.kirkwood.edu/Kibbie](http://www.kirkwood.edu/Kibbie) for more details.
- The program emphasizes **hands-on training of electronic skills, troubleshooting skills** and thorough understanding of how electronic circuits operate.
- **Lab stations** are equipped with the **latest technology** in the electronic instrumentation field.
- The **Electronics Engineering Technology computer lab** allows students **free access to numerous software programs** to aid in their comprehension of circuit concepts.
- **Nine scholarships** at Kirkwood specifically support Electronics Engineering Technology students.
- Opportunity to join the **Institute of Electrical and Electronics Engineers**.
- Kirkwood Electronics Engineering Technology students have earned top three medals at the **national Skills USA competition**.
- The program has very strong ties to local industry. **Graduates are actively recruited** by many corridor companies.

## Program Description

The Kirkwood Electronics Engineering Technology (EET) program emphasizes practical applications to help students comprehend electronic circuits. Students learn to design, test, analyze, and troubleshoot complex electronic systems.

Kirkwood Electronics Engineering Technology students can transfer their 2 years of study at Kirkwood Community College towards a B.S. in Electrical Engineering Technology at the University of Northern Iowa.

## Career Opportunities

Electronics lab technician  
Electronics test technician  
Field service technician  
Biomedical electronics technician  
Avionics technician  
Technical writer  
Electronic design technician  
Controls technician  
Security systems technician  
Radio communications technician  
Component test technician

## Sample Classes

Electronic Practices  
Electric Circuits  
Technical Mathematics  
Active Devices I: Transistor Amplifiers  
Digital Circuits  
Active Devices II: Operational Amplifiers  
Human Relations in Management  
Introduction to LabView®  
Communication Electronics  
Microprocessors  
Communication Systems  
Technical Physics  
Design Projects

## Industry Endorsements Earned:

National Career Readiness Certificate

## Scholarships

Kirkwood will help you pay for college! Kirkwood awards more scholarships than any other community college in Iowa. For more information and to apply, visit [www.kirkwood.edu/scholarships](http://www.kirkwood.edu/scholarships).

Kirkwood Community College shall not engage in nor allow unlawful discrimination against individuals involved in its educational programs and activities on the basis of race, creed, color, sex, sexual orientation, gender identity, national origin, religion, age, disability, or actual or potential parental, family, or marital status. If you have questions or complaints related to compliance with the policy, please contact the Vice President of Human Resources at Kirkwood Community College, 313 Kirkwood Hall, 6301 Kirkwood Blvd. SW, Cedar Rapids, IA 52404, Telephone: 319-398-5572, Email: [equity@kirkwood.edu](mailto:equity@kirkwood.edu), or the Director of the Office for Civil Rights U.S. Department of Education, Citigroup Center, 500 W. Madison St., Suite 1475, Chicago, IL 60661-7204, Telephone: 312-730-1560, Fax: 312-730-1576, Email: [OCR.Chicago@ed.gov](mailto:OCR.Chicago@ed.gov).