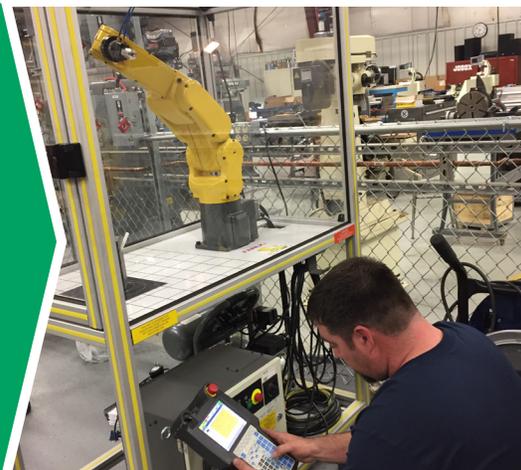


Find your path at John Wood

>> CAREER & TECHNICAL PROGRAM <<

Electrical Technology

It's where the high-paying jobs are if you have the right skills, training and education. In the next two years, many positions in JWCC's district will need to be filled by individuals with new technical skills in electrical technology.



Like?

Problem Solving

Follow Blueprints and Diagrams

Teamwork

Learn to

Run electrical line and test currents for accuracy

Plan for proper electrical installation

Work with associates in wiring and electrifying homes and businesses

Average Annual Earnings

\$58,800 (\$28.26/hour)

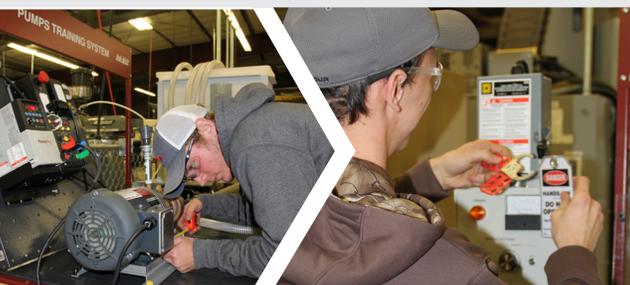
Source: Bureau of Labor Statistics

Potential Careers

Electrical Designer, Electrical Drafter, Engineering Agent, Engineering Associate, Line Staker, Staking Engineer

Classes in...

Survey of electrical trade, blueprint reading, electricity, national electricity code, residential, motors & control, health & safety, manufacturing processes, programmable control, commercial, industrial specialized electrical circuits, systems analysis, and quality assurance



Type of Work

Create electrical schematics, document technical design details, prepare detailed work plans, review technical documents to plan work, run electrical lines, test currents and provide electric to homes and businesses.

JWCC Stackable Certificates and Degree

Tackle one certificate at a time. Apply credits towards a degree.

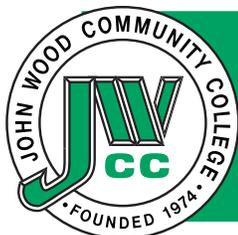
11 classes = Electrical Certificate
(6 mos.)



10 classes = Electrical Technology Associate in Applied Science

JWCC Difference

- Current electricians instruct courses
- Job shadow freshman year
- Evening courses and flexible labs



jwcc.edu/electrical-technology

217.641.4337

admissions@jwcc.edu

REQUIRED CURRICULUM

First Semester

Course	Description	Credit Hours
CSC 100	Computer Literacy	1
ELE 100	Survey of Electrical Trade	2
ELE 110	Intro to Electricity	3
ELE 120	Intro to National Elec Code	3
FYE 101	Blazing Your Trail	1
IMT 120	Industrial Motors & Controls	3
Mathematics Requirement		3
		16

Second Semester

Course	Description	Credit Hours
ELE 101	Blueprint Rdg for Electricians	3
ELE 125	Electrical Applications I	3
ELE 130	Residential Electricity	3
MFG 113	Intro to Manu/Indu Safety	3
Hum/Soc/Behav Science Requirement		3
Written Communication Requirement		3
		18

Third Semester

Course	Description	Credit Hours
CAD 230	Intro to Mfg Processes	3
ELE 135	Programmable Control	3
ELE 205	Commercial Electricity	3
ELE 220	Electrical Applications II	3
Oral Communication Requirement		3
		15

Fourth Semester

Course	Description	Credit Hours
ELE 225	Industrial Electricity	3
ELE 230	Specialized Electrical Circuits	3
ELE 235	Electrical Systems Analysis	3
MFG 104	Quality/Continuous Improv	3
General Education Requirement		3
		15

SAVE

VALUE COMPARISON

One-Year Tuition
(32 credit hours)

- JWCC tuition (in-district)
- Area four-year public average tuition
- Area four-year private average tuition

For 2019-20 Academic Year

SUCCESS

JWCC ranks in the
TOP 10% in the Nation

for Student Success

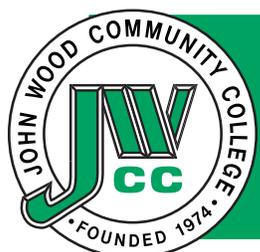
Transfer Credits to:



Grads get jobs at:



Gainful Employment info: jwcc.edu/gainfulemployment



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