What can you do with a major in Industrial Maintenance & Electrical Technology?

Campus(s) program is offered: North Metro

What are the most likely job titles one can expect to qualify for after completing this program?
- Industrial Maintenance
- Plant Maintenance
- Commercial Maintenance
- Residential Maintenance
- Welding HVAC (with additional certification)
- Electrician (with additional certification)

What do students express as the thing they enjoy the most about this program? What is the least?
Students usually enjoy the hands on part of the program a lot. Calculation parts are least interesting.

What are some typical misconceptions about this program of study?
The students think that they have a concept of electricity when they enter into the program, but later on they realize there is much more than just the basic fundamentals of electricity involved.

What are some essential skills a student needs to have in order to be successful in this program?
Students need to have both mechanical and electrical skills to be able to be successful in this program of study.

What are some typical skills and abilities that a student gains once he/she has completed the program of study?
After the completion of the program the student will be able to complete almost any task related to industrial maintenance and electrical systems.

Typical work activities/occupational functions:
- installing machines
- making them work
- taking care of them so they do not break down (maintenance)
- re-programming/re-building them to do different tasks, and trouble-shooting and repairing them when they fail

What additional training would you recommend for a student who wants to go to the next level in this field?
They can get associate degree in this field and after that they can continue on and get a bachelor’s degree in electrical engineering.
Do any of the occupational courses transfer easily? yes

What are some common limitations, if any, in this program that students face?
The most common limitations of a student in the industrial maintenance and electrical technology program are the math backgrounds of the students that are entering into the program.

Are there any exams/certifications that a student needs to take after completing the courses? Are these exams/certifications offered on campus?
Yes if they need to they can go and complete the state electrical license test. No the test is not given on our campus.

Possible employment settings: Your setting could include but not limited to working indoors or outdoors on a variety of different tasks.

Names of employers:
Coca Cola, Southern Tea, CNN, ConStar Plastics, Inc., Ace Electrical, White Water, Six Flags