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COOL CAREERS

IT NETWORK INSTALLER

HIGH-DEMAND
Job in Kansas 



In this episode, Cool Careers Correspondent Gavin travels to Columbus to see how the team at Optic Communications installs internet service into a home. He meets Jessi, a network installer, and learns about fiber optics and why kids should consider this in-demand career.

IT network installers set up and maintain devices that carry communication signals, like cable equipment and internet routers. They also inspect and fix equipment and wiring.

Typical Education Required For This Job: PROFESSIONAL CERTIFICATE

Episode Takeaways

Please respond to these questions using complete sentences.

1. What is digital data measured in?

Binary code

2. Name one of the two main ways to splice.

Mechanical (splicing) or fusion (splicing)

3. On a scale of 1 to 10, with 1 meaning “no way” and 10 meaning “this seems like a great job for me someday,” how interested are you in this career path? *Circle a number.*

1 2 3 4 5 6 7 8 9 10

Definitely not

Maybe

I'm super interested

4. Why did you circle the number you did on question 3?

5. Find the Telecommunications Equipment Installer page on **HirePaths.com**. What's the median salary in Kansas for this job?

\$57,880



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HEAVY EQUIPMENT TECHNICIAN



In this episode, Cool Careers Correspondent Kara visits Foley Equipment's Wichita Service Center to learn about the career of a heavy equipment technician. We get a hands-on look at what goes into repairing and maintaining construction vehicles like bulldozers, tractors, backhoes and how to start a career in this field.

Heavy equipment technicians identify problems and repair and maintain machinery and vehicles such as tractors, backhoes and bulldozers.

Typical Education Required For This Job: HIGH SCHOOL DIPLOMA AND CERTIFICATE

Episode Takeaways

Please respond to these questions using complete sentences.

1. What does ET stand for?

Electronic technician

2. Which class does Matt say is especially important for students to take to prepare for this job?

Math

3. On a scale of 1 to 10, with 1 meaning "no way" and 10 meaning "this seems like a great job for me someday," how interested are you in this career path? *Circle a number.*

1

2

3

4

5

6

7

8

9

10

Definitely not

Maybe

I'm super interested

4. Why did you circle the number you did on question 3?

5. Find the Ag Equipment Technician page on **HirePaths.com**. What's one kind of vehicle or machinery this job works on that isn't already mentioned within this worksheet?

Harvesters, dairy equipment or irrigation systems



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WIND TURBINE TECHNICIAN



In this episode, Cool Careers Correspondent Lance travels to Concordia to meet Ethan, who is a wind turbine technician. Follow along as Lance experiences what it's like to climb one of these gigantic structures and what it takes to keep them whirling.

Wind turbine technicians look at wind turbines to make sure they're working or find any problems. They can also work on wind turbine parts and help fix anything that's broken.

Typical Education Required For This Job: ON-THE-JOB TRAINING OR PROFESSIONAL CERTIFICATE

Episode Takeaways

Please respond to these questions using complete sentences.

1. How tall are most wind turbines?

200 to 300 feet

2. What community college does Ethan visit to prepare for his climb?

Cloud County Community College

3. On a scale of 1 to 10, with 1 meaning "no way" and 10 meaning "this seems like a great job for me someday," how interested are you in this career path? *Circle a number.*

1 2 3 4 5 6 7 8 9 10

Definitely not

Maybe

I'm super interested

4. Why did you circle the number you did on question 3?

5. Find the Wind Turbine Technician page on **HirePaths.com**. Is the demand for this job expected to decline, grow or stay the same in Kansas?

Grow



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ELECTRICAL PROCESS ENGINEER



In this episode, Cool Careers Correspondent Kieran visits Garmin in Olathe to learn about electrical process engineers. He learns how Garmin's power popular products, hears how Garmin employees got to their position and even visits the production floor!

Electrical process engineers research, design, make, test or look after the building of equipment or systems for businesses, the military and more.

Typical Education Required For This Job: BACHELOR'S DEGREE

Episode Takeaways

Please respond to these questions using complete sentences.

1. What is one class or club Marajan took or participated in during high school to prepare for his job?

Robotics courses, shop classes, basic coding, robotics club

2. True or false: Garmin offers hands-on opportunities for older students. *Circle one.*



3. On a scale of 1 to 10, with 1 meaning "no way" and 10 meaning "this seems like a great job for me someday," how interested are you in this career path? *Circle a number.*

1

2

3

4

5

6

7

8

9

10

Definitely not

Maybe

I'm super interested

4. Why did you circle the number you did on question 3?

5. Find the Electrical Engineer page on the **HirePaths.com** website. What's the median salary for someone working in this job in the state of Kansas?

\$93,700