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# COOL CAREERS

## CYBERSECURITY ANALYST



In this episode, Cool Careers Correspondent Ivan takes us on a tour of Foresite in Overland Park to learn about the high-demand, high-pay and very cool job of a cybersecurity analyst.

Cybersecurity analysts help protect online information for people and businesses. They look for weak spots and security risks in computer systems and work to decrease those risks.

**ANSWER KEY**

**Typical Education Required For This Job:** BACHELOR'S DEGREE OR PROFESSIONAL CERTIFICATE

### Episode Takeaways

Please respond to these questions using complete sentences.

1. Why does David say being a cybersecurity analyst is an important job?

They keep people's computers safe. They help protect computers/information at big companies.

They protect people all over the world from bad guys.

2. Jobs in cybersecurity are expected to increase by how much by 2023? (Hint: It's a percentage!)

30%

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 Information Security Analyst page on **HirePaths.com**. What's the median salary for someone working in this job in the state of Kansas?

\$102,600



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## DRONE PILOT



**In this episode,** Cool Careers Correspondent Dallas visits Hamm Companies in Perry. We learn how drones help construction companies increase productivity and keep people safe.

Drone pilots use technology to make sure everything is safe and ready to go. They also plan, fly and manage routes.

**ANSWER KEY**

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

### Episode Takeaways

Please respond to these questions using complete sentences.

- 1.** What is a drone?

An aircraft without a human pilot or crew on board.

- 2.** How did Paul get started as a land surveyor?

He started as a surveyor. He practiced. He got his drone pilot license.

- 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 Drone Pilot 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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## ROBOTICS AND AUTOMATION ENGINEER



In this episode, Cool Careers Correspondent Deena visits Textron Aviation in Wichita to learn all about robotics and automation engineering. While on the tour, she gets to take a robot for a spin!

Robotics engineers research, design, develop or test robotic applications, programs or machines.

**ANSWER KEY**

**Typical Education Required For This Job:** BACHELOR'S DEGREE

### Episode Takeaways

Please respond to these questions using complete sentences.

1. Textron Aviation has been taking flight for more than: *Circle one.*

70 years

80 years

90 years

100 years

2. How does Stacy say you can prepare for a job like this one?

Take classes like science, technology, math or shop. Join a robotics club. Apply for the Textron Aviation summer internship.

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

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10

*Definitely not*

*Maybe*

*I'm super interested*

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

5. Find the Robotics Engineer page on **HirePaths.com**. What's the national median salary for this job?

\$100,640



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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.*



X  
FALSE

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



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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