Sample Student Questions:

Career Focus: Aerospace and Defense

- What types of careers fall within aerospace and defense?
- Why is diversity (e.g. gender, race, etc.) important in aerospace and defense?
- How do the principles of science and mathematics apply to your everyday tasks?
- What would prevent someone from working in aerospace and defense careers?
- What were your favorite subjects in school?
- What barriers do employees experience in your workplace?
- Why do you believe aerospace and defense is critical in Oklahoma?
- How many different types of airplanes are there? Have you ever flown an airplane?
- What types of certifications and/or degrees are needed to work at your company?
- What barriers do employees experience in aerospace and defense careers?
- Why did you choose aerospace and defense over other fields?
- What skills should students acquire to be successful in aerospace and defense careers?
- What are some barriers to success?
- How does your workplace set employees up for success?
- Are internships important for students pursuing aerospace and defense studies?
- What's the company culture like at your workplace?

Career Focus: Bioscience

- What types of jobs are within bioscience?
- Why is diversity (e.g. gender, race, etc.) important in bioscience?
- Why do you believe bioscience is critical in Oklahoma?
- What would prevent someone from working in bioscience careers?
- What skills should students acquire to be successful in bioscience careers?
- What barriers do employees experience in your workplace?

- What types of certifications and/or degrees do you need in bioscience?
- Why did you choose bioscience over other fields?
- What were your favorite subjects in school?
- How are internships important for a manufacturing student?
- What barriers do employees experience in bioscience careers?
- How do the principles of science and mathematics apply to your everyday tasks?
- What are some barriers to success?
- How does your workplace set employees up for success?
- Are real world experiences (e.g. internships) important for students pursuing a career in bioscience?
- What's the company culture like at your workplace?

Career Focus: Construction

- What types of jobs are within construction?
- Why is diversity (e.g. gender, race, etc.) important in construction?
- How does construction impact Oklahoma's economy?
- What would prevent someone from working in construction careers?
- What types of certifications and/or degrees do you need in the construction field?
- What barriers do employees experience in your workplace?
- Why did you choose construction over other fields?
- How important are mentorship or internship programs in construction?
- What were your favorite subjects in school? What were your least favorite and why?
- What barriers do employees experience in construction careers?
- How do the principles of science and mathematics apply to your everyday tasks?
- What skills should students acquire to be successful in construction careers?
- What are some barriers to success?
- How does your workplace set employees up for success?
- What's the best advice you were given in this field?
- What's the company culture like at your workplace?

Career Focus: Energy

- How would you characterize an average day at your job?
- Why is diversity (e.g. gender, race, etc.) important in energy?
- What would prevent someone from working in energy careers?
- If you could have taken more of a specific type of class in high school and/or college what would you have taken?
- What barriers do employees experience in your workplace?
- How do the principles of science and mathematics apply to your everyday tasks?
- What do you think is going to become the biggest challenge for engineers in the future? What's the biggest challenge now?
- What skills should students acquire to be successful in energy careers?
- Why are mentorships or internships important for an engineering student?
- What barriers do employees experience in energy careers?
- How important is it to understand the principles of business as an engineer?
- What types of careers are in the energy pathway?
- What are some barriers to success?
- How does your workplace set employees up for success?
- What was your favorite science project growing up?
- What's the company culture like at your workplace?

Career Focus: Health Care

- What types of jobs are within health care?
- Why is diversity (e.g. gender, race, etc.) important in health care?
- Why do you believe health care is critical in Oklahoma?
- What would prevent someone from working in nursing specialties?
- What skills should students acquire to be successful in nursing careers?
- What barriers do employees experience in your workplace?
- What types of certifications and/or degrees are needed in the nursing field?
- Why did you choose nursing over other fields?

- What were your favorite subjects in school?

- How are internships important for a nursing student?

- What barriers do employees experience in nursing careers?

- How do the principles of science and mathematics apply to your everyday tasks?

- What does a typical day look like for a nurse?

- How does your workplace set employees up for success?

- What's the company culture like at your workplace?

- What do you think is going to become the biggest challenge for nurses in the future? What's the biggest challenge now?

Career Focus: Information Technology (I.T.)

- What types of careers fall within information technology?

- Why is diversity (e.g. gender, race, etc.) important in I.T. careers?

- What does a typical day look like for you?

- What would prevent someone from working in I.T. careers?

- What were your favorite subjects in school?

- Is gaming a good career option?

- Why do you believe I.T. careers are critical in Oklahoma?

- How many different types of careers exist at your company?

- What main projects does your company develop?

- What types of certifications and/or degrees are needed to work in an I.T. field?

- What barriers do employees experience in I.T. careers?

- Why did you choose information technology over other fields?

- What skills should students acquire to be successful in I.T. careers?

- What's the company culture like at your workplace?

- How does your company use virtual reality tools?

- How important are mentorship or internship programs in I.T. careers?