

Ben C

Fast Shadow Facts

Utilize the online Occupational Outlook Handbook: <http://www.bls.gov/oco/> Click A-Z Index or O-Net Online (Occupational Info Network) : <http://online.onetcenter.org/find/> Enter job title

Fill in 3 SPECIFIC facts about each category of information related to your job shadow field.

Write in COMPLETE sentences. This is a RESEARCH-BASED activity, not what you learned on shadow. It will be graded based on the information from the 2 sites above.

Job Description/Duties/Responsibilities of the Job:

1. A chemical engineer conducts research to create or improve manufacturing processes.
2. They design the layout of equipment and make sure the equipment follows the rules and regulations.
3. They create processes to separate liquids and gases and generating electrical currents through the use of controlled chemical processes.

Education/Training required for the Job

1. To become a chemical engineer, a bachelor's degree in chemical engineering is required.
2. It is recommended that high school students take science and math courses, such as chemistry and calculus.
3. To become a chemical engineer, a Professional Engineering license is required to become a higher levelled chemical engineer.

Work Environment of the Job:

1. Chemical engineers work in offices.
2. Chemical engineers also work in laboratories.
3. Occasionally, chemical engineers will go to refineries.

Acceptable

Salary/Benefits of the Job:

1. Chemical engineers make around \$98,340
2. A chemical engineer receives \$47.28
3. As America is turning towards alternative fuel, more jobs will be offered for chemical engineers.

Personal Qualifications for a worker in this job:

1. Qualifications for a chemical engineer include analytical skills and creativity.
2. Ingenuity and interpersonal skills are also qualifications.
3. Math skills and problem solving skills are great qualifications for a chemical engineer.

Job Outlook or Opportunities for Advancement in this Job:

1. Chemical engineers are expected to grow 8% by 2026
2. Overall growth of employment might decline due to the decline of employment in manufacturing industries for chemical engineers.
3. Chemical engineers are on the forefront of new technology, migrating into other fields such as biotechnology.

Ben C

Fast Shadow Facts

Utilize the online Occupational Outlook Handbook: <http://www.bls.gov/oco/> Click A-Z Index or O-Net Online (Occupational Info Network) : <http://online.onetcenter.org/find/> Enter job title

Fill in 3 SPECIFIC facts about each category of information related to your job shadow field. Write in COMPLETE sentences. This is a RESEARCH-BASED activity, not what you learned on shadow. It will be graded based on the information from the 2 sites above.

Job Description/Duties/Responsibilities of the Job:

1. A chemical engineer conducts research to create or improve manufacturing processes.
2. They design the layout of equipment and make sure the equipment follows the rules and regulations.
3. They create processes to separate liquids and gases and generating electrical currents through the use of controlled chemical processes.

Education/Training required for the Job

1. To become a chemical engineer, a bachelor's degree in chemical engineering is required.
2. It is recommended that high school students take science and math courses, such as chemistry and calculus.
3. To become a chemical engineer, a Professional Engineering license is required to become a higher levelled chemical engineer.

Work Environment of the Job:

1. Chemical engineers work in offices.
2. Chemical engineers also work in laboratories.
3. Occasionally, chemical engineers will go to refineries.

Acceptable

Salary/Benefits of the Job:

1. Chemical engineers make around \$98,340
2. A chemical engineer receives \$47.28
3. As America is turning towards alternative fuel, more jobs will be offered for chemical engineers.

Personal Qualifications for a worker in this job:

1. Qualifications for a chemical engineer include analytical skills and creativity.
2. Ingenuity and interpersonal skills are also qualifications.
3. Math skills and problem solving skills are great qualifications for a chemical engineer.

Job Outlook or Opportunities for Advancement in this Job:

1. Chemical engineers are expected to grow 8% by 2026
2. Overall growth of employment might decline due to the decline of employment in manufacturing industries for chemical engineers.
3. Chemical engineers are on the forefront of new technology migrating into other fields such as biotechnology.