

You Could Be A... **Chemical Engineer**

Is Chemical Engineering for You?

If you like chemistry and math – and problem-solving to help improve people's lives – then you could be a chemical engineer. As a chemical engineer, you will research and design solutions and chemical processes that turn raw materials into useful everyday products, such as:

- Improved medications
- Safer foods
- New uses for recycled materials
- Better fuels
- Biodegradable plastics
- High-performance sports equipment



Education

Bachelor's degree required and consider pursuing further education including:
License **Master's Degree** **Ph.D.**

Local colleges and educational institutions offering pre-engineering programs include:

Delta College Check your local ISD & high school programs for opportunities, too!

Get Ready to Go!

Give the future chemical engineer in you a head start by taking these classes in middle school and high school:

ALGEBRA **CALCULUS** **GEOMETRY**
CHEMISTRY **PHYSICS** **BIOLOGY**
ENGLISH **COMPUTER SCIENCE**

DID YOU KNOW? There are more options possible to fund your education than you may realize. Scholarships could be available. Contact your local school counselor or your institution's financial aid office to learn more.

Develop All of You

A great chemical engineer needs more than education. Be great by strengthening your:

Problem-solving skills	Interpersonal skills
Creativity	Writing/Communication skills
Ingenuity	Public speaking skills
Teamwork	Community service

Your Expected Salary

THE TYPICAL SALARY RANGE






for Chemical Engineers is

\$58,000- \$154,000

JOB OUTLOOK. The job outlook of employment for chemical engineers is projected to grow four percent through 2022. The ability of engineers to stay on the forefront of new, emerging technologies, such as nanotechnology, alternative energies and biotechnology will increase growth, in addition to an older workforce that will reach retirement age.

Career Opportunities

With an education in chemical engineering, you could also be a:

-  **Consultant**
-  **Petroleum Engineer**
-  **Plant Manager**
-  **Production Engineer**
-  **Research & Development Engineer**
-  **Teacher/College Professor**
-  **Technical Writer**