

Engineering Jobs IN THE FEDERAL GOVERNMENT

Sample Job Profiles

AEROSPACE TECHNOLOGY (AST) - GENERAL ENGINEER

Salary Range: \$41,300-\$62,100

Duty Locations: Houston, TX; Las Cruces, NM; Kennedy Space Center, FL; Russia

Summary: The National Aeronautics and Space Administration (NASA), the world's leader in space and aeronautics, is always seeking outstanding scientists, engineers and other talented professionals to carry forward the great discovery process that its mission demands. Visit www.nasa.gov/about/career/index.html

Major Duties: Coordinate and collaborate on standard design or simulations. Participate in the specifications, acceptance testing, and evaluation of technology, equipment, or systems components. Serve as project engineer for projects of limited scope, such as those that require minor adaptation of existing methods and techniques.

PATENT EXAMINER (ELECTRICAL AND COMPUTER ENGINEERING)

Salary Range: \$40,200-\$74,500

Duty Locations: Alexandria, VA

Summary: Protect intellectual property rights and prevent products from copyright infringement or forgery. Patent and Trademark Office Patent Examiners review patent applications and assess patentability of inventions. Visit www.uspto.gov

Major Duties: Review patent applications, research similar prior inventions and technologies and compare to invention claimed in new patent application, communicate examination findings to inventors.

Search for jobs at: USAJobs.gov

BONUS AND PROMOTION PROGRAMS

- ★ **Recruitment Bonuses:** Bonus of up to 25% of the base salary to a new employee if the position is hard to fill
- ★ **Relocation Bonuses:** Relocation bonus of up to 25%
- ★ **Accelerated Promotions:** Agencies may offer a one-time accelerated promotion for entry level hires

EXAMPLE PROGRAMS

The National Nuclear Security Administration's Future Leaders Program offers a recruitment bonus of \$6,000 and GS employees may receive an accelerated promotion after the first six months of employment.

The Professional Development Program with the Federal Highway Administration offers travel and relocation assistance to cover moving. Recipients of this assistance must agree to commit a minimum of one year of service.

FEDERAL EMPLOYERS CAN HELP YOU REPAY YOUR STUDENT LOANS

- ★ Agencies are authorized to help repay up to \$10,000 of a loan per year, up to \$60,000 total per employee.
- ★ An employee who receives student loan repayments must commit to remaining in the service of the federal government for at least three years.
- ★ In FY 2007, **33 federal agencies** provided **6,619 employees** with almost **\$42 million** in student loan repayment.

For more information, visit:
<http://www.opm.gov/oca/pay/studentloan>

FIND AND APPLY FOR FEDERAL JOBS AND INTERNSHIPS ONLINE

MakingtheDifference.org provides valuable information and resources about job and internship opportunities in the federal government. On the site you'll find more information about federal agencies, an overview of the benefits of federal service, a directory of federal internships, "hot jobs" and "cool internships," tips for finding and applying for federal jobs, and much more. Plus, you'll see how federal employees are making the difference every day.

USAJobs.gov is a great place to begin your job search. It is administered by the U.S. Office of Personnel Management, the federal government's human resources agency, and has a regularly updated list of federal job openings. You can also build your resume and learn about the federal jobs that best match your interests.

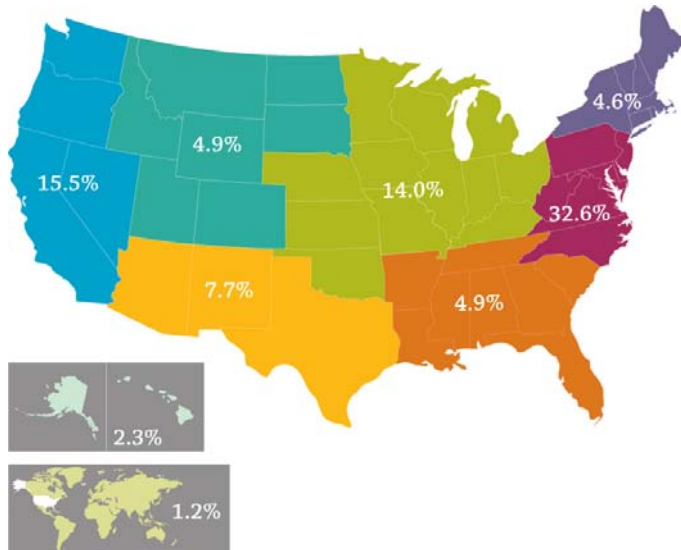


PARTNERSHIP FOR PUBLIC SERVICE

The Partnership for Public Service is a nonpartisan, nonprofit organization that works to revitalize the federal government by inspiring a new generation to serve and by transforming the way government works.
ourpublicservice.org

Engineering Jobs IN THE FEDERAL GOVERNMENT

ENGINEERING POSITIONS IN THE FEDERAL GOVERNMENT BY REGION



WHERE THE JOBS ARE

By September of 2009, our largest federal agencies project that they will hire nearly 193,000 new workers for "mission-critical" jobs.

This includes:

- ★ Over 8,000 engineering positions at the Department of Defense
- ★ 900 engineering positions at the Department of Transportation
- ★ 417 aerospace engineering positions at NASA

Download the report at makingthedifference.org.

TOP ENGINEERING AGENCIES

Department/Agency	# Positions
Dept. of Defense	80,483
NASA	10,758
Dept. of Transportation	5,564
Dept. of Agriculture	3,763
Dept. of Interior	3,225
Department of Energy	2,972
Department of Veterans Affairs	2,346
Environmental Protection Agency	2,289
Total (including all agencies)	121,133

FEDSCOPE, 3/08

Examples of Lab Opportunities

NATIONAL LABORATORIES JOB OPPORTUNITIES

Students with advanced degrees in engineering can also find opportunities at world-renowned National Laboratories. Find the complete list of the major National Laboratories at makingthedifference.org.

Search for internships at: makingthedifference.org/federalinternships

WHAT CAN YOU DO WITH A DEGREE IN ENGINEERING?

- ★ General Engineering
- ★ Civil Engineering
- ★ Mechanical Engineering
- ★ Electrical Engineering
- ★ Electronics Engineering
- ★ Aerospace Engineering
- ★ Industrial Engineering
- ★ Nuclear Engineering
- ★ Computer Engineering
- ★ Biomedical Engineering
- ★ Soil Engineering

Find more: www.usajobs.gov/EI23.asp

TOP ENGINEERING FIELDS

Field	# Positions	Projected Hirings FY 2007-09
General Engineering	20,395	1,944
Electronics Engineering	19,318	3,516
Technical Engineering	16,190	--
Civil Engineering	10,433	1,127
Aerospace Engineering	8,594	417
Technical Electronics	8,405	--

FEDSCOPE, 3/08, Where the Jobs Are 2007