

Engineer (GS-0800)

Do You Want to Design and Build Things?

Natural Resources Conservation Service engineers assist the field offices in carrying out program delivery through contacting and working with producers to



gather information, develop engineering designs, showing them how to install conservation practices and overseeing the quality of the practices. They perform surveys and design standard conservation practices using various types of surveying equipment including a survey-grade GPS. Engineers also make use of engineering computer programs.



Qualifications-

Bachelor of Science degree in Engineering, Agricultural Engineering, or Environmental Engineering

Job Satisfaction-

Addressing engineering issues with customers and designing projects that have a positive effect on the environment

Natural Resources Conservation Service works in partnership with the American people to conserve and sustain natural resources.

To find out more, visit: <http://www.nm.nrcs.usda.gov/> or [myNRCScareer](#)

To apply, visit: usajobs.gov

All Professional Engineering Positions, 0800

Basic Requirements:

A. Degree: Engineering. To be acceptable, the program must: (1) lead to a bachelor's degree in a school of engineering with at least one program accredited by [ABET](#); or (2) include differential and integral calculus and courses (more advanced than first-year physics and chemistry) in five of the following seven areas of engineering science or physics: (a) statics, dynamics; (b) strength of materials (stress-strain relationships); (c) fluid mechanics, hydraulics; (d) thermodynamics; (e) electrical fields and circuits; (f) nature and properties of materials (relating particle and aggregate structure to properties); and (g) any other comparable area of fundamental engineering science or physics, such as optics, heat transfer, soil mechanics, or electronics.

OR

B. Combination of education and experience -- college-level education, training, and/or technical experience that furnished (1) a thorough knowledge of the physical and mathematical sciences underlying engineering, and (2) a good understanding, both theoretical and practical, of the engineering sciences and techniques and their applications to one of the branches of engineering. The adequacy of such background must be demonstrated by one of the following: 1. *Professional registration or licensure* -- Current registration as an Engineer Intern (EI), Engineer in Training (EIT)¹, or licensure as a Professional Engineer (PE) by any State, the District of Columbia, Guam, or Puerto Rico. Absent other means of qualifying under this standard, those applicants who achieved such registration by means other than written test (e.g., State grandfather or eminence provisions) are eligible only for positions that are within or closely related to the specialty field of their registration. For example, an applicant who attains registration through a State Board's eminence provision as a manufacturing engineer typically would be rated eligible only for manufacturing engineering positions.

2. *Written Test* -- Evidence of having successfully passed the Fundamentals of Engineering (FE)² examination or any other written test required for professional

