

# Agricultural Engineer



## Overview

If you are interested in designing, creating and improving technology for the agricultural industry than agricultural engineering may be for you. This form of engineering will allow you to work with new and efficient ways of food production in many different agricultural fields. You may work as a consultant or in the factory manufacturing products like tractors, and irrigation systems. This hands on style of engineering will allow you to emphasize the importance of environmentally sustainable agriculture.



## Roles and Responsibilities

Being an agricultural engineer will allow you to work for many different organizations. Today, many agricultural engineers work for architectural firms, food manufacturing, the government and agriculture, mining, and construction machinery manufacturing. Although there are many different specialties, the core activities of an agricultural engineer no matter where they work is to design, develop and test new technology; for example, new seed planting technics or new refrigeration systems for food storage.

**Skills:** Mathematics, Physics, Chemistry, Communication, Critical Thinker, Attention to Detail

**Personal Interests:** Agriculture, Technology, Business Development, Hands On, Creativity

**Salary:** \$40,000-\$100,000

**Work Environment:** On Site, Office, Public and Private Sector

**Education and Experience:** University degree in Agricultural Engineering with an emphasis on math and science