

Prospect for Career Advancement

- Agricultural productions engineers
- Agricultural research engineers
- Biosystems engineers
- Conservation engineers
- Farm equipment engineers
- Research agricultural engineers
- Agricultural Consultants

This **Career Information Pamphlet** aims to provide relevant and useful information in exploring career options and prospects in various industries considering the current landscape in the world of work. The CIPs intend to guide jobseekers, professionals, researchers, and policy-makers on the nature of various jobs, educational requirements, skills and competencies, relevant attributes, employment opportunities, and the cost of training. Actual requirements may vary based on the hiring institution's/organization's discretion.



Republic of the Philippines
DEPARTMENT OF LABOR AND EMPLOYMENT
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Intramuros, Manila



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GREEN JOB

Career Information Pamphlet Series of 2020

AGRICULTURAL ENGINEER



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AGRICULTURAL ENGINEER

An Agricultural Engineer applies knowledge of engineering technology and biological science to agricultural problems concerned with power and machinery, electrification, structures, soil and water conservation, and processing of agricultural products.

Agricultural Engineers prepare reports, sketches, working drawings, specifications, proposals, and budgets for proposed sites or systems.



QUALIFICATIONS

Agricultural Engineers are licensed personnel who completed a **BS in Agricultural Engineering** course. At least **2 years of working experience** in related field is preferred.



COMPETENCIES

Knowledge, Skills and Attributes

- Knowledgeable in green houses and hydroponics (**Soil less System**)
- Knowledge in Aquaponic Techniques and Modern agriculture technology such as types of modern irrigation system
- Knowledgeable in agricultural economics
- Good communication skills (**written and oral comprehension and expression**)
- Ability to Lead

- Possess high ethical standards considering people and environment



COST OF EDUCATION AND TRAINING

A course in BS in Agriculture / BS in Agricultural Engineering may cost from **₱ 20,000 - ₱ 42,000 per semester.**

Employment Prospects

 **Monthly Salary Range**
₱ 39,000 - ₱ 43,000

 **Industries**

- Agribusiness

 **Prospect for Career Advancement**
Agricultural Engineers may specialize in specific area and become: