Department: Agricultural Engineering Technology
Program Name: Agricultural Engineering
Program Level: Undergraduate
College: Agriculture, Food, and Environmental Science
Program: Major
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Program Outcomes

Outcome 1: An Agricultural Engineering graduate will have the ability to apply the knowledge of mathematics, science, and engineering.

Outcome 2: An Agricultural Engineering graduate will have the ability to design and conduct experiments, as well as to analyze and interpret data.

Outcome 3: An Agricultural Engineering graduate will have the ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability.

Outcome 4: An Agricultural Engineering graduate will have the ability to function on multidisciplinary teams.

Outcome 5: An Agricultural Engineering graduate will be able to identify, formulate, and solve engineering problems.

Outcome 6: An Agricultural Engineering graduate will possess an understanding of professional and ethical responsibility.

Outcome 7: An Agricultural Engineering graduate will be able to communicate effectively.

Outcome 8: An Agricultural Engineering graduate will possess the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and social contexts.
Outcome 9: An Agricultural Engineering graduate will have a recognition of the need for, and an ability to engage in life-long learning.

Outcome 10: An Agricultural Engineering graduate will have knowledge of contemporary issues.

Outcome 11: An Agricultural Engineering graduate will have an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.