A EN-AGRICULTURAL ENGINEERING (A EN)

A EN 459. Design of Water Wells/Pumping Systems
3 Credits
Design of water wells; selection and specification of pumps and power units.
Prerequisite: C E 382.

A EN 475. Soil and Water Conservation
3 Credits
Types and extent of erosion. Design and operation of structural and vegetative systems to control erosion. Elements of hydrology.
Prerequisite: C E 331.
Corequisite: C E 382 or consent of instructor.

A EN 478. Irrigation and Drainage Engineering
3 Credits (2+3P)
Design and operation of surface and sprinkler irrigation systems; pumping and conveyances; introduction to principles and practices of drainage systems and wells.
Prerequisite: C E 382 or consent of instructor.

A EN 498. Special Topics
1-3 Credits
May be repeated for a maximum of 6 credits.
Prerequisite: consent of instructor.