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.