

CERTIFICATE OF ACHIEVEMENT IN AGRICULTURE TECHNOLOGY

This certificate prepares students for entry-level employment in the field of Agriculture Technology or Agriculture Irrigation. Students completing this certificate will have a foundation in basic technician skills that can be applied in many areas of agriculture. The student can choose to focus their training in Agriculture Power Equipment or Agriculture Irrigation.

Program Outcomes

- Demonstrate safe work habits.
- Demonstrate and list basic engine operations, both for small and large agriculture equipment.
- Demonstrate the knowledge of irrigation system operation and maintenance.

Career Opportunities

Upon successful completion of this certificate, students will be prepared for employment in the following fields: general agriculture, sales and service of agriculture equipment, equipment manufacturing, irrigation technician, agriculture mechanics and irrigation

Program Requirements

Code	Title	Units
REQUIRED CERTIFICATE COURSES		9
AGTC 106	Agriculture Welding	3
PLSI 108	Ag Water Management	3
WEXP 193F	Agriculture Work Experience – First Semester	3
+		
RESTRICTED ELECTIVES		12
Select 12 units from the following courses:		
AG 110	Ag Leadership	3
AGMT 108	Ag Business Computer Applications	3
AGTC 103	Farm Power	3
AGTC 201	Small Engines	3
AGTC 202	Farm Equipment Construction	3
AGTC 210	Agriculture Project Construction	3
AGTC 219	Irrigation System Design	3
AGTC 220	Irrigation Wells and Pumps	3
AGTC 222	Ag Irrigation Systems	3
AGTC 225	Compact Diesel Engines	3
PLSI 118	Advanced Irrigation	3
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TOTAL		21

The Certificate of Achievement requirements include completion of the certificate courses with a “C” or better grade in each course. Required and support courses may be substituted with the approval of the Agriculture Division Chair.

NOTE: AGTC 225 is a 3 unit course starting Fall 2019.