
Agriculture Engineering Tech (AET)

AET 015 **CAD for Agriculture**

(2)*Class Hours: 108 Laboratory**Transfers to: UC/CSU*

CAD for Agriculture

AET 015 is an introduction to computer aided drafting for agriculture; including engineering, design and construction. Laboratories will utilize AutoCAD software to complete projects. Topics include: drawing setup, 2-D projections including automatic dimensioning and hatching, isometric construction, drawing layers, library symbols, and use of 3-D drawing software.

AET 021 **Ag-Irrigation Management**

(3)*Class Hours: 36 Lecture | 54 Laboratory**Transfers to: CSU*

Ag-Irrigation Management

AET 021 is designed to teach the principles of irrigation system management for dealers, regulators and farmers (or those interested in those areas). Topics such as surface irrigation methods (furrow and border strip) and pressurized systems (micro and sprinklers) are covered. Students will learn when and how much to irrigate; includes sections on evapotranspiration and crop coefficients, practical irrigation scheduling techniques, how irrigation efficiency and uniformity influence irrigation scheduling, and salinity effects. This course aligns with the Irrigation Association's Certified Irrigation Specialist Program. (CAIS).
