
Agriculture Engineering Tech (AET)

AET 015 **CAD for Agriculture** (2)

Class Hours: 108 Laboratory

Transfers to: UC/CSU

CAD for Agriculture

AET 015 introduces students to computer aided drafting for agriculture engineering applications. Using industry standard Autodesk software, students will learn to create professional 2-D and 3-D technical drawings for agricultural engineering, design, and construction projects. Through hands-on labs, students master essential skills including drawing setup, dimensioning, layering, and 3-D modeling.

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).
