

AET 024 Drip & Micro Irrigation Design**(3)***Class Hours: 36 Lecture | 54 Laboratory**Advisory(s): AET 021, AET 022, and AET 023**Transfers to: CSU*

Drip and Micro Irrigation Design and Management

AET 024 covers drip/micro irrigation hardware and management; emphasizing agricultural drip/micro irrigation with some landscape application. Filtration, emitters, chemical injection, agronomic constraints, and scheduling will also be discussed. The entire design procedure determining crop water requirements, filtration, pumping requirements, high efficiency design procedures, number of irrigation blocks, pressure regulation and uniformity will be covered. This course aligns with the Agricultural Drip/Micro Step 4 specialty exam for the Irrigation Association's Certified Irrigation Designer.