

# CONSTRUCTION TECHNOLOGY PUBLIC WORKS (CTPW)

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**CTPW 112 Plan Reading for Public Works (3.0 Units)**

Plan reading for the construction of water, sewers, storm drain, and sewage facility projects. Basic survey methods, symbols, mathematical conversions, and determination of slope and grade.

Lecture Hours: 54.0

Transfer: Transfers to CSU only

**CTPW 116A Water Distribution Systems I (3.0 Units)**

Water distribution systems operation. Fundamentals of water production, quality, and system operation. Includes piping, services, pumps, reservoirs, mathematics, and basic hydraulics. Preparation for Grades I and II Water Distribution Operator Certification.

Lecture Hours: 54.0

Transfer: Transfers to CSU only

**CTPW 118 Solid Waste Management (3.0 Units)**

Methods used in collection of solid waste materials. Includes equipment, scheduling, and customer relations. Ultimate disposal of solid waste matter as well as projections concerning future collection and disposal operations. Special emphasis on municipal resource recovery, salvaging, and recycling.

Lecture Hours: 54.0

Transfer: Transfers to CSU only

**CTPW 119 Wastewater Operations (3.0 Units)**

A comprehensive examination of wastewater operations, impact of waste contributions from home and industry, effects of wastewater treatment, water reclamation and by-product disposal.

Lecture Hours: 54.0

Transfer: Transfers to CSU only