



FIRM PROFILE

Founded in 1995, Taylor Engineering is a nationally recognized engineering firm specializing in building mechanical systems design, energy conservation and energy analysis, energy management and control system design, and system commissioning.

DESIGN PERSONNEL

Steven T. Taylor, PE, Principal	Jingjuan (Dove) Feng, Ph.D., Mech. Designer
Glenn Friedman, PE, Principal	Jingjing (Sabrina) Wang, Mech. Designer
Reinhard Seidl, PE, Principal	Chris McHugh, Mechanical Designer
Jeff Stein, PE, Principal	Adam Williams, Mechanical Designer
Hwakong Cheng, PE, Principal	Christopher Hughes, Mechanical Designer
David Heinzerling, PE, Associate	Joe Arnstein, Mechanical Designer
Brandon Gill, PE, Associate	Elizabeth Balke, Mechanical Designer
Sam Brunswick, PE, Senior Engineer	Bill Stahl, Associate, Plumbing Designer
Reece Kiriu, PE, Mechanical Engineer	Mike Woods, Senior Plumbing Designer

HVAC, PLUMBING & FIRE-SPRINKLER DESIGN

Taylor Engineering has extensive experience in HVAC, plumbing, and fire sprinkler systems design and construction for large commercial, institutional, and residential buildings. All Taylor Engineering employees have contracting and/or commissioning experience, which ensures that our designs are practical, complete, well-coordinated, and on budget. We are renowned for our expertise in data centers, underfloor air distribution systems, optimized VAV systems, and central chilled water plants.

CONTROL SYSTEM DESIGN

Our in-depth control systems design and commissioning experience is unique among consulting engineering firms. Employees have factory training in DDC controls and we routinely integrate control system commissioning and diagnostics into our services. We annually teach a UC Berkeley Extension class on HVAC system controls, authored the ASHRAE textbook *Fundamentals of HVAC Controls*, and co-wrote ASHRAE Guideline 13 Specifying DDC Systems and Guideline 36 High Performance Sequences of Operation.

DESIGN/BUILD

With experience both as design engineers and former design/build contractors, Taylor Engineering is uniquely qualified to serve as an owner's representative in the selection and oversight of design/build mechanical, plumbing and fire protection contractors. Services include performance specifications, design review, and thorough coordination to ensure that systems interface properly with other trades.

ENERGY CONSERVATION & GREEN BUILDINGS

Taylor Engineering staff were primary authors of the HVAC sections of ASHRAE Standard 90.1 and California's Title 24 Energy Standards from 1983 to the present. The firm is well known for its expertise in energy modeling using DOE-2, eQUEST, and EnergyPlus for predicting and optimizing energy performance in green building design. TE Staff have served and continue to serve on ASHRAE standards committees 189.1 (green buildings), 90.1 (energy conservation), 62.1 (indoor air quality), and 55 (thermal comfort).

SYSTEM COMMISSIONING

With a hands-on background in HVAC system and controls design and construction, Taylor Engineering is uniquely qualified to take the lead role in system commissioning. TE staff have served as the commissioning authority (CxA) for our own projects and as third party CxA for projects designed by others. TE staff have also served on committees developing commissioning standards such as ASHRAE Standard 202 and the California Commissioning Collaborative.