

Dennis Selke
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portfolio, thesis, teaching examples
- www.selke.net

Experience

Teach masters and undergraduate level Construction Management, Team Building, Plan Reading, Structures, Business and Advanced BIM modeling. Collaboratively created standard practices, implemented standards and created classes for training employees of design firms, taught post-secondary college level, 100-hour CAD classes to professionals in a 12-week format. Educated clients in complex investment products and real estate. Wealth management and planning, teaching clients about their financial information, Superior oral, written, visual communications abilities and web-based presentation skills. I have integrity, cultural / emotional intelligence. I have proven the ability to solve critical thinking issues and problems for my clients. I am currently pursuing NCARB, national architectural licensure. I have completed my AXP experience and have two remaining ARE 5.0 tests to complete.

Education

NewSchool of Architecture & Design, San Diego, CA
Master of Architecture 2-year program; first professional degree.

Lawrence Technological University, Southfield, MI
Bachelor of Science Architecture, Certificate in Building Information Modeling and Computer Visualization (BIM-CV).

MiraCosta College, Oceanside, CA
Associate in Architectural Technology.

Certificates / Special Training

Building Information Modeling and Computer Visualization (BIM-CV), Lawrence Technological University
Procore BIM, GC project manager and other certifications
Facilities Management, UC Irvine
Industrial Design, Cal Poly Pomona
Real Estate Property Management, MiraCosta College
Real Estate Cyber Pro, MiraCosta College
Direct Digital Controls, Landis and Gyr
HVAC and Plumbing design, Carrier TDP
Steam system design and operation, Spirax Sarco

Software / Hardware

AutoCad, Bluebeam Revu, Procore document management, Revit, 3DS Max Design, Lumion, Rhinoceros, Sketchup, Solidworks, Microsoft products including server, desktop and office products, Adobe suite; Illustrator, In-Design, Photoshop, Premiere. Parametric design with Grasshopper and Dynamo. Experience in rapid prototyping using industrial laser, 3d printing and model repair apps. Project management, support, installation of network infrastructure. Supporting PC, Mac and Unix platforms, server consolidation, virtualization, remote access, vendor selection and management. Canvas, Blackboard, Ed-Admin LMS. Able to learn new techniques and applications quickly.

Employment History

Academic Board Director and Contributing Professor of BIM and Facilities Mgmt., Trident Engineering Institute, 2021-current

Establishment of a new NGO public benefit training institute in Cape Town. Open in April 2023 to start offering classes in 2024. Work with the accreditation team and administration of the

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technical institute, submitted in 2021. The entity is a public private partnership created to train workers in impacted industries. Create classes and curriculum for post-secondary BIM and Facilities Management training degree and certificate level classes in South Africa, Teach in SA remotely in BIM and Facilities management classes. NIDO trust is the private charitable entity forming the scholarships.

Contributing Professor of Construction Management, NewSchool of Architecture & Design, 2017-current

Create and teach classes for masters and undergraduate level Bluebeam Revu, Plan Reading and Revit, CM 5211, CM2311, publish content to college blackboard systems, teach students in live classes in the college level CM program. Teach design standards and industry practices by having students work on simulated professional design projects in Construction Management. Develop and prototype new classes in CM, Architecture, BIM and Interior Design. Currently teaching CM5211, CM301 and CM 153, intro to CM and team building, Digital modeling, and Rendering for CM, CM2311 and CM5211 Plan reading Digital and Analog classes. Create and Teach Masters structures 3, concrete design for Architects, AR727 and business management, BUS282.

Associate Professor of Architecture and Drafting, Saddleback College, 2018-2022

Created and taught class content for Mechanical drafting, Architecture and Interiors using Revit and Auto Cad, Arch50, Arch 51, Arch 120, Arch 152, ID134, Dr50, Dr51 and Dr152, teach students in classes at the community college. Taught design standards and industry practices by having students work on simulated professional design projects in engineering, architecture and civil disciplines. Inactive 2022.

Associate Professor of Design, MiraCosta College 2017-current

Create class content for Auto Cad training, Design 101, publish content to college canvas LMS, teach students in live classes in the college level design program. Teach 2d and 3d AutoCad procedures using design standards and industry practices. TCI Board of Advisors.

Senior Project Manager, Selke Consulting 1996-2017

Managed projects, bid analysis, selection of contractors, consultant management, programming and implementation of building projects. Owners' representative for restaurant remodels and builds.

CAD Training instructor, Kelar Corporation/ Westech College, 1993-1998

Provide CAD training in MicroStation (now Bentley) and AutoCad in a 100-hour format. CA EDD Employment Training Panel classes in a state program to retrain drafters from impacted industries.

CAD manager / Project manager at TKG engineers 1993 to 1996

Trained MEP engineering staff in AutoCad and MicroStation (now Bentley), Implemented CAD standards, network and IT management system improvements, modified and updated CAD standards and automated menus, managed mechanical and plumbing engineering construction projects, Managed drafting staff. Manager of MEP installations in existing and new labs and library spaces.

Principal Consultant, at self-employed, 1991 to 1993

Construction administration for projects in Orange, San Diego and Los Angeles counties. CAD management consulting and CAD drafting in AutoCad, DataCad and MicroStation (now Bentley). IT consulting, Computer visualizations, CAD training, CAD, schematic design, design development, construction documentation.

CAD Manager / designer / job captain at CRSS Architects (now HOK), 1988 to 1991

Construction administration for Plaza tower, Costa Mesa. Train CAD users, manage CAD system and computers, CAD designer in MicroStation (now Bentley) commercial buildings, educational, retail projects in AutoCad and MicroStation (now Bentley). Computer visualizations, CAD and hand drawn SD/DD/CD packages for commercial and educational buildings, Master plan and initial facility for Cal State San Marcos.

CAD manager / designer / job captain at Gensler 1986 to 1988

Train CAD users, manage CAD system and computers, CAD designer in MicroStation (now Bentley) for airports, commercial buildings, educational, tenant improvement interiors, hand drawings.