

Eric J. Brinkman

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Education

Master of Science | Spring 2019 | Arizona State University

- Major: Construction Management
- Concentration: Sustainability and Best Practices in Residential Construction
- Related coursework: *Building Energy Management, Sustainability in Construction, Real Estate, Public Works Capital Construction, Finance and Communication, Facilities Project Management, Principles of Leadership, Construction Industry Best Practices, Managerial Economics*
- Cumulative GPA: 4.0

Bachelor of Science | June 1997 | Cal Poly San Luis Obispo

- Major: Construction Management
- Related coursework: Commercial Construction, Residential Construction, Finance, Project Management

Professional Achievements

- Licensed General Building Contractor (California, May 2004)
- LEED Green Associate
- Certified Caesarstone fabricator for quartz countertops
- Certified Cambria fabricator for quartz countertops

Academic Experience

December 2016 – Present: Lecturer, Cal Poly San Luis Obispo

- Teaching undergraduate Construction Management courses
- Developing lesson plans, assignments, syllabi, exams, and laboratory assignments
- Instructing students in quantity takeoff, estimating, scheduling, materials & methods of construction, project management, and housing.
- Integrating classroom learning with hands-on experience in the Simpson Strong Tie Building
- Engaging in professional development, research, and service
- Supporting students in extracurricular construction-related pursuits

Professional Experience

May 2005 – present. Owner, Allstar Building – *Originated, developed, and operated a residential construction company with a focus on stone countertop fabrication and installation.*

- Estimate, plan, coordinate, and complete projects to the highest level of quality and customer satisfaction
- Train and educate employees to be proficient, safe, and conscientious workers
- Cultivate an atmosphere of continuous improvement and learning in the workplace

January 2003 – April 2005: Manager, Geological Designs – *Oversaw the operation of a mid-sized stone countertop company. Estimated, planned, and coordinated stone countertop projects.*

- Implemented work safety and quality control programs to reduce injuries and customer callbacks
- Increased revenue by 50% in 2 years with the development and implementation of a marketing plan and a restructuring of our delivery systems.
- Sought out and successfully developed new contacts with designers and showrooms to increase sales

November 1999 – May 2002: Project Manager/Superintendent, JDW Enterprises, Inc. – *Responsible for managing the construction of \$1-2 million residential projects. Solicited, created, and managed subcontracts and subcontractors. Managed field crews emphasizing efficiency and quality in workmanship.*

- Worked closely with owners, subcontractors, and suppliers to ensure a quality finished product resulting in minimum callbacks and high customer satisfaction.
- Managed and trained employees to work safely, efficiently, and with adherence to the highest standards of quality and craftsmanship.

Teaching Related Activities

The following is a summary of my teaching related activities. A more detailed description can be found in the Documentation of Teaching section of my WPAF.

- Transitioned 5 courses to Canvas for online delivery
- Instructed students in quantity takeoff, estimating, and scheduling using MS Project, Excel, and Bluebeam Revu
- Create new lesson plans, laboratory exercises, and exams for Construction Management courses
- Instruct students to safely and correctly build tiny-homes and sheds to gain hands-on experience
- Received above department-average student review scores every quarter taught

Courses Taught:

- CM102 - *Introduction to Construction Management*
- CM113 - *Materials & Methods in Construction, Lecture*
- CM114 - *Materials & Methods in Construction, Lab*
- CM115 - *Fundamentals of Construction Management*
- CM214 - *Residential Construction*
- CM318 - *Housing & Communities*
- CE371 - *Construction Management & Project Planning*

Professional Development

The following is a summary of the professional development efforts I have engaged in. A more detailed description of these pursuits can be seen in the Professional Development section of my WPAF.

- Earned a master's degree in Construction Management
- Commenced the year-long Effective Teaching Practices workshop, a course offered through the CTLT focusing on teaching concepts and methods university-level instructors can implement to improve the student learning experience.
- Earned a LEED Green Associate credential
- Completed an applied Research Project on modularization in residential construction.
- Completed numerous workshops through the Center for Teaching, Learning & Technology:
 - *Effective Teaching Practices Workshop*
 - *Blended Course Design Workshop*
 - *Introduction to Online Teaching & Learning*
 - *Creating Accessible Canvas Content*
 - *Cal Poly Canvas Orientation*
- Attended the ASC Regions 6 & 7 Construction Management Conferences in Reno, NV
- Developed and received approval for a topics course in construction best practices.
- Attended a workshop for First Year Success Program Coaching to become a Success Coach to assist first-year students struggling with their academic progress.
- Maintaining currency with active participation in the residential construction industry
- Participated CMAC meetings
- Represented Cal Poly at a college fair at Mira Monte High School in Bakersfield as an outreach effort to support the Construction Management department's diversity goals.

Service

The following is a list of service efforts I have engaged in during the period of review. A more detailed description of these activities can be found in the Service section of my WPAF.

- Volunteered as a Coach for the First-Year Success Program for students on Academic Probation
- Initiated implementation of club for first-generation and underrepresented students, Construction Management Community and Student Achievement (CM CASA)
- Faculty Advisor for 40-50 Construction Management students
- Subject Matter Expert for senior projects
- Supported the NAHB competition team and Sustainability Club as an advisor
- Faculty advisor for the Japanese Student Association's Torri project in the Architectural Graveyard
- Service on committees including: DEI Committee, Facilities Committee, Senior Project Committee
- Nominated by a Poly Rep Official University Ambassador to be awarded Poly Reps - Terrance Harris mentorship award for the 2021-22 academic school year