

# JEFFREY G. SMITH, Ed.D

**Objective:** Develop and oversee CTE programs that provide students with advanced technical skills, working relationships with industry, and the ability to learn with passion, curiosity, and empathy.

## *education*

**2008 - 2012** **Saint Mary's College of California** - Moraga, CA **Awarded Spring 2012**  
Doctor of Education (Ed.D) - Dean's Award for Academic Excellence  
Dissertation Topic: Instructional Multimedia as a Cognitive Tool

**2005 - 2008** **Chapman University** - Walnut Creek, CA **Awarded Spring 2008**  
Master of Arts in Education (MAE) - Instructional Technology  
Administrative Services Credential - Tier 1 / Industrial Technology Credential

**1986 - 1990** **Rochester Institute of Technology (RIT)** - Rochester, NY **Awarded Spring 1990**  
College of Imaging Arts & Sciences - Department of Industrial Design (BFA)

**1985** **Carnegie Mellon University (CMU)** - Pittsburgh, PA **Awarded Summer 1985**  
College Preparatory Industrial Design Program

## *academic career*

**2014 - 2019** **Diablo Valley College (DVC)** - Pleasant Hill, CA **Professor**  
Program Manager - Advanced Manufacturing & Industrial Design Programs  
Tenured-Track Professor - Engineering Technology & Industrial Design  
Wrote Industrial Design Associate Degree & Articulated UC/CSU Courses  
Developed Design for Industry (D4i) Challenge with Autodesk, Nissan & Brita

**2012 - 2019** **Chapman/Brandman University** - Walnut Creek, CA **Associate Professor**  
Undergraduate & Graduate Instructional Technology Professor  
Multimedia Courseware Training for Learning Management Systems

**2012 - 2018** **University of California | Office of the President** - Oakland, CA **Curriculum Specialist**  
Wrote "A-G" curricula for the AFL-CIO Building Trades Pre-Apprenticeship Program  
Developed Career & Technical (CTE) Math and Science "A-G" Courses  
Ongoing Trainer for Secondary Teachers on Implementation of STEM Courses

**2013 - 2015** **Alhambra Online Summer Programs** - Martinez, CA **Principal**  
Selected and Implemented a new online "a-g" credit recovery platform  
Doubled graduation rates / Hired, trained, and managed all personnel

**2006 - 2016** **Alhambra / Contra Costa County Office of Edu.** - Martinez, CA **ROP Engineering Teacher**  
Department Chair / Developed project-based & "a-g" curricula  
Articulated 3 Unit Engineering & Architecture Curricula with UC/CSU

## *private sector*

**1991 - 2005** **Brighteyes Design & Manufacturing** - Union City, CA **Founder & President**  
Designed furniture systems and seating for Oracle, Yahoo, Kaiser, and Whole Foods  
\_Developed products with Architectural firms including Gensler, HOK and SOM  
\_Trained engineers and factory employees with CNC manufacturing technologies  
Managed all operations and budgets / Worked daily with Sales Representatives

**1988 - 1990** **Exhibit Group Giltspur** - Pittsburgh, PA / Rochester, NY **Industrial Designer**  
-Exhibit Designer, AutoCAD Drafter, and Model Maker for clients including BMW,  
-Volkswagen, and MasterCard

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# JEFFREY G. SMITH, Ed.D

## *academic achievements*

- U.S. Department of Education (2019) Open Educational Recourse (OER) Grant Recipient at Diablo Valley College  
Responsibilities include overseeing faculty development & integration of LibreText online STEM content.
- University of California Curriculum Institute (2017). Facilitated “a-g” CTE course development for the California Department of Education & California Partnership Academies. Integrated Building Trades (CTE) with Math and English.
- Computer-Using Educators (CUE) / eLearning - Speaker (2014). Design Thinking: The confluence of a blended learning pedagogy and project-based curriculum. San Francisco, CA
- Manuscript Reviewer (2015). Chosen by the Editor-in-Chief of the internationally recognized Journal of Computers & Education to analyze research articles for publication.
- Manuscript Reviewer (2014). Chosen by the Editor-in-Chief of the internationally recognized Journal of Computer Assisted Learning to analyze research articles for publication.
- Computer-Using Educators (CUE) - Speaker (2013). Transferring effective classroom teacher relationships into online learning management systems. Orange County, CA.
- eLearning Strategies Symposium - Speaker (2012). Screen-capture instructional technology: A cognitive tool for blended learning, California Learning Resource Network. Los Angeles, CA.
- Dean’s Award (2012). Academic excellence award for dissertation research on blended learning. Presented at graduation by the Dean of the Kalmanovitz School of Education, Saint Mary’s College of California
- Association of Career and Technical Education (ACTE) (2011). Awarded best research paper and conference speaker for the science, technology, engineering, and math (STEM) symposium. Saint Louis, Mo.
- Autodesk Teacher Spokesman (2009). ITTV Into Tomorrow with Dave Graveline. Chosen to discuss the integration of instructional technology into the secondary blended classroom. San Francisco, CA.

## *articles & publications*

- Smith, J. & Suzuki, S. (2015). Embedded blended learning in an algebra classroom: a multimedia capture experiment. *Journal of Computer Assisted Learning*, 31(2) 133-147. DOI: 10.1111/jcal.12083
- MultiCraft Core Curriculum: Building Scaled Structures (2015). “a-g” Subject: Building and Construction Trades & English/Math Sector: Course for UC Office of the President / Building and Construction Trades Department, AFL-CIO
- Chemistry and Environmental Engineering: Water We Doing (2014). “a-g” Subject: Laboratory Science (Chemistry) & CTE Sector: Engineering and Architecture. Course for UC Office of the President / California Department of Education
- Smith, J. & Smith, R. (2012). Screen-capture instructional technology: A cognitive tool for designing a blended multimedia curriculum. *Journal of Educational Computing Research*, 46(3) 207-228. DOI: 10.2190/EC.46.3.a
- Constructing Algebra 2 (2012). “a-g” Industry Sector Pathway: Building and Construction & Career and Residential and Commercial Construction. Course for UC Office of the President / California Department of Education

## *computer experience*

- Analysis:** IBM - (SPSS) Analytical Statistical Package for the Social Sciences / **DataDirector** - Assessment Management
- Instruction:** **Learning Management System** - Canvas, Desire 2 Learn (D2L), Blackboard, Canvas, Haiku, Advanced Academics, Aeries
- Engineering:** Autodesk - Fusion 360, AutoCAD, Revit Building, 3dsMax, Architectural Desktop, Inventor / SolidWorks / HAAS - CNC Milling
- Business:** **Microsoft** - Excel, Publisher, FrontPage, PowerPoint / C++ / HTML / **Google** - SketchUp / **Intuit** - QuickBooks Pro
- Multimedia:** Adobe - Connect, Captivate, Premiere, After Effects, Dreamweaver, Photoshop, InDesign, Illustrator / Sony - Vegas

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