



Brandon Saller is an Assistant Professor of Engineering and Engineering Department Chair at Cosumnes River College in Sacramento. He currently teaches four classes per semester: Engineering Graphics (drafting, AutoCAD and SolidWorks), Intro to Electrical Circuits and Devices, Engineering Mechanics: Statics, and Properties of Materials.

Originally from Southern California, Brandon earned Bachelor's degrees in Aerospace Engineering and Materials Science & Engineering in 2011 from UC Irvine. During his time at UC Irvine, Brandon was an undergraduate researcher in the Laboratory for Electron and X-Ray Instrumentation, focusing on Electron Backscatter Diffraction and Scanning Electron Microscopy related techniques. His project's goal was fabrication, analysis and implementation of 3-D printed, titanium alloy structures for subsequent use in aerospace and biomedical applications. During his last year of undergrad, Brandon also worked for the Space and Missile Systems Center—a center under U.S. Air Force Space Command that focuses on the military's space satellite programs. After graduating from UC Irvine, Brandon and his wife (fiancée at the time), moved up to Davis, CA to attend UC Davis for graduate school. He obtained a Ph.D. in Materials Science and Engineering in 2015 by research and development of a new Al-Fe alloy for military vehicle armor. This involved many days/nights staring at metallic, inanimate objects, and frankensteining them down to the atomic level, in a (somewhat successful) attempt to manipulate thermodynamics. Meanwhile, his wife was working on and completed her Ph.D. in animal behavior studying zoo elephants ( ^\\_(\u2197)\\_/\\_ ). Brandon also worked at NASA Langley as a graduate student researcher trying to solve/improve upon a 100+ year problem called abnormal grain growth in the friction stir weld, of a single-weld version of the Orion Space Capsule.

Nowadays, Brandon resides in Sacramento, California with his wife and two cats. He enjoys hiking, grading (just kidding), playing Pokemon Go, and encouraging students to study engineering and mentoring those that currently are.