

# Teaching Development Transcript

This transcript documents activities with the Eberly Center for Teaching Excellence.



## Bruno Calfa | Chemical Engineering

### Individual Consultations and Feedback

All consultations are voluntary and initiated by the graduate student.

#### TEACHING OBSERVATIONS

Observation of two MatLab tutorials for undergraduate majors in Chemical Engineering. Fall 2011.

Observation of two guest lectures for 06-100: Introduction to Chemical Engineering. Fall 2013.

#### COURSE & SYLLABUS DESIGN PROJECT

Developed a syllabus for XX-2XX: Numerical Methods in Engineering.

#### INDIVIDUALIZED PROJECT

Created a teaching portfolio. Fall 2014.

### Seminars on Teaching

Each of these seminars is 2 hours long and involves substantial discussion and interaction.

- Building a Teaching Portfolio
- Conducting Productive and Engaging Discussions
- Course and Syllabus Design
- Encouraging Intellectual Development and Critical Thinking
- Guiding Attention and Memory to Build Knowledge
- Incorporating Writing into the Disciplines
- Making the Most of Your First Day of Class
- Motivating and Engaging Students
- Overview of Student Motivation
- Planning and Delivering Effective Lectures
- Responding to Student Writing
- Teaching First Year Undergraduates

### Additional Teaching Development and Special Notes

Bruno has completed all four requirements for the Future Faculty Program: (1) attendance of ten or more seminars; (2) two or more teaching observations; (3) a course and syllabus design project; and (4) a teaching-related individualized project. Transcript generated on November 14, 2014.