

Ali Amini, Professor and Department Chair
Department of Electrical & Computer Engineering
California State University, Northridge,
18111 Nordhoff Street
Northridge, CA 91330-8346, Office: (818) 677-2190, Fax: (818) 677-7062

Email: aamini@csun.edu, Website: www.ecs.csun.edu/ece/amini.html

a. Professional Preparation

Ph. D. Earthquake Engineering, University of Southern California.
"Investigation of Response to Earthquake Excitation - A Statistical Basis for Spectrum Superposition," 1982.
M.S. Civil Engineering, University of Southern California 1978.
Engineer's Degree, Electrical Engineering, University of Southern California 1977.
M.S. Electrical Engineering, California State University, San Jose 1976.
B.S., Electrical Engineering, California State University, San Jose 1974.

b. Appointments

2009-Present, California State University, Northridge, Chair of ECE Department.
1991-Present, California State University, Northridge, Full Professor of Engineering.
1988-1991, California State University, Northridge, Associate Professor of Engineering.
1985-1988, California State University, Northridge, Lecturer of Engineering.
1982-1985, Kinemetrics Inc, Pasadena, California. Research Engineer.
1977-1982, University of Southern California, Lecturer & Research Assistant.
1974-1976, Fluor Inc., San Mateo, California, Instrument Engineer.

c. Five Publications Most Closely Related to the Proposed Project

1. N. Bekir and A. Amini, "Program Review Master of Science in Electrical Engineering Self Study Report," December 1, 2010.
2. N. El Naga, D. van Alphen, S. Rengarajan and A. Amini, "ABET Electrical & Computer Engineering Self Study Reports," July 1, 2007.
3. A. Amini, "Control System Laboratory Experiments." Department of Electrical and Computer Engineering, California State University, Northridge - June 2005.
4. A. Amini, "Fuzzy Control Experiments." Department of Electrical and Computer Engineering, California State University, Northridge - July 2005
5. A. Amini, "Digitization and Processing of Northridge Earthquake Strong Motion Accelerograms Recorded on Film". An IMC report to University of Southern California, June 1995.

d. Synergistic Activities

Received \$59,773 in Fall of 2009 having submitted a proposal for Special Instructional Lottery Funds. Received \$18,000 for 2010-2011 having submitted a proposal for Peer Lab-Assistant. Received \$20,000 in Fall of 2010 having submitted a proposal for Special Instructional Lottery Funds. Received \$3,000 for Spring 2011 having submitted a proposal for Extra Student Lab-Assistant. Applied and received over \$30,000 for Faculty and Staff Professional Development. Consultant to variety of Structural and Earthquake Engineering firms working on Vibration Measurements and Analysis, 1986-2009. Developed Electrical Engineering courses at California State University, Northridge: ECE296EMA (Engineering Math Analysis), ECE581 (Fuzzy Control), ECE684 (Stochastic Control), ECE455 (Mathematical Models in Electrical Engineering). Reviewer of several books on Linear System Theory & Random Signals and Kalman Filtering.