



Schedule updated 4/17/09

WEEK OF:	
March 21, 2009	Equinoxes, Solstices, Right Triangles, the Solar Window, Solar Radiation/Radiance, PV Array Orientation, PV Review & Course Overview.
March 28, 2009	Site Assessment/Surveys, Design & Proposal Software, Shading, Rebates, Taxes, Stimulus, Financial. Guest-Tony Diaz of Century Roof & Solar on NABCEP Exam, Wire Sizing & Installation at California Academy of Sciences. Surprise guest: Chip Upshaw of Fidelity Roof
April 4, 2009	System Components & Configurations PV cells, Types, Characteristics & Inverters Guest-Johan Alfsen of QuickMountPV with demonstration. Presentation by Ryan Jones (Engineer & Student) on the p-n Junction Guest-James Caling, Large PV Electrical Engineer, Project Mgr.
April 11, 2009	Spring Break-No Class
April 18, 2009	System Sizing, Mechanical Integration, Commercial v. Residential Racks and Roofs. Ballasted Systems, Flashings, Rafters & Leak Prevention. Guest-Brian Swanson Of Fidelity Roof, Commercial Roof Expert.
April 25, 2009	Electrical Integration, Utility Integration. Guest-Chris Sommerfeld, SunPower Trainer, NABCEP PV certified
May 2, 2009	Batteries, Charge Controllers & Other Atypical Installations in the morning at DVC. Guest-Pete Shoemaker, Renewables Program Coordinator, Pacific Energy Center (PG&E) before lunch. Field Trip to 200kW system in Downtown Oakland at the Alameda County Social Services Building, 2000 San Pablo Ave. with installer Tony Diaz.
May 9, 2009	Inspectors, NEC, John Wiles and Bill Brooks (not in person). Guest-Bill Reaugh of Draker Labs, NEC & monitoring.
May 16, 2009	Final Exam Review and Planning for a Renewable Future Green Jobs/Resumes

*Speakers scheduled for after lunch at 12:30pm unless otherwise noted.

**Other speaker confirmed, but not on schedule

Paul Fenn from Local Power www.local.org