UCDAVIS

2019 Fast-track to Energy Careers Bootcamp

Class Instructors:

Ryan Stroupe, Building Performance Coordinator, Pacific Gas & Electric Company

Dr. Kurt Kornbluth, Assistant Adjunct Professor, UC Davis Biological and Agricultural Engineering; Director, UC Davis Program for International Technologies & D-Lab

Joshua Morejohn, Energy Manager, UC Davis Energy Conservation Office

Monday August 19th, 2019

UC Davis, Geidt Hall, Room 1006

8:00 AM	**Registration and Breakfast**
8:30 AM	**Kick-off and Introductions**
8:45 AM	**Overview of Energy Audits Process**
9:15 AM	**Key Terms and Concepts**
10:15 AM	**Break**
10:25 AM	**Billing Data Analysis**
10:55 AM	**Billing Data Analysis Exercise**
11:55 AM	**Lunch Break**
12:55 PM	**Lighting Fundamentals**
1:55 PM	**Refrigeration Fundamentals**
2:55 PM	**Break/Walk to RHA**

UCDAVIS

3:15 PM	**Field Activity at Robbins Hall Annex (RHA)**
4:15 PM	**Wrap up Discussion at RHA**
5:00 PM	**Optional Dinner Downtown**

Tuesday August 20th, 2019

UC Davis, Geidt Hall, Room 1006

8:00 AM	**Breakfast**
8:30 AM	**Morning quiz/review**
8:45 AM	**Motors**
9:15 AM	**HVAC**
10:15 AM	**Break**
10:25 AM	**Overview of Dataloggers**
10:55 AM	**Dataloggers Exercises**
11:55 AM	**Lunch Break – Overview of the UC Davis Energy Efficiency Institute and Energy Graduate Group**
1:25 PM	**Controls**
2:25 PM	**Break**
2:45 PM	**Field Activity at Giedt Hall**
3:45 PM	**Return to Classroom**
3:55 PM	**Energy Calculations**
4:25 PM	**Discussions/Evaluations and Wrap Up**
5:00 PM	**Conclude**