The NC Solar Center at NC State University is the Southern Mid-Atlantic Provider of Solar Instructor Training (SMAPSIT) - a Train the Trainer program funded by the US Department of Energy. Under this program, the NC Solar Center presents the Solar Instructor Series. Its mission is to establish an advanced training program for Local Education Institutions (LEI) to address a critical need for high-quality, local, and accessible training in solar electric system design, installation, sales, and inspection.

The Program encompasses five jurisdictions:

- Maryland
- District of Columbia
- Virginia
- North Carolina
- South Carolina

Recognizing the need for highly skilled and knowledgeable individuals to join the array of career paths in the solar workforce, the Solar Center is offering a variety of workshops and online tools to help K-12 teachers, community college instructors, college professors, and local inspectors incorporate solar fundamentals into the classroom.

Targeted teaching disciplines:

- Construction trades (Building, Roofing, Electrical, and General Contractors)
- Science, Technology, Engineering, and Math
- Economics, Policy, Finance, and Marketing
- Authorities Having Jurisdiction- Inspectors, Code Officials

Workshops under the Solar Instructor Series:
1. REPV: Renewable Energy Generation with PV Systems
2. REPV (A): Advanced Design and Installation of PV System
3. Online REPV: Renewable Energy Generation with PV Systems
4. Two-day Hands-on PV Labs
5. PV System Inspections
6. Certificate in Renewable Energy Management (CREM)
8. Designing PV worksheets and activities for technical instructors and STEM teachers
9. NEC® 2011 Code Updates - PV
10. Integrating Solar into Existing Curricula
11. How to Land Your Green Energy Dream Job
12. Three-day Hands-on PV Labs in Maryland

Workshops are offered year-round.

For more information, visit: 
go.ncsu.edu/solartrainers