American SOLAR ELECTRIC

The PV Installation Specialists

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www.americanpv.com

3008 N. Civic Center Plaza, Scottsdale, AZ 85251
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Job Description: Residential System Designer

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System Designers are charged primarily with documenting the construction contract as it was sold by the salesperson. The job requires about 90% office time, creating customer specific drawings, and communicating with project managers to ensure each and every job is documented accurately. Through the course of every project, it will also be necessary to document and communicate project milestones internally to permitting, accounting, operations, and externally to power utilities. The remaining 10% of time shall be spent reading assigned material, and working with the construction crew to ensure a strong familiarity with the materials ASE uses in the field. Excellent written and verbal communication skills are required; NABCEP Certification is desirable, but not required.

Responsibilities:

1. Receive and interpret the pre-construction documents provided by the project managers.
2. Communicate design details to the project manager and submit drawings for their review and approval.
3. Complete utility documents accurately and communicate system details with utility officials
4. Update the project schedule with all project milestones. These milestones must also be communicated to operations, accounting, permitting, and construction.
5. Complete a Design and Engineering worksheet for each and every project handled.

Skills:

1. AutoCAD
2. Microsoft Office Suite: Excel, Word, Outlook
3. Math: Algebra, Trigonometry

If interested Contact:

Mark Skidmore
Manager of Engineering

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When applying, please indicate that you saw this posting at Mesa Community College.