
Department: Trades & Engineering Technologies **Reports To:** Dean, Associate
Faculty Salary Grade: B
Position #: 04100119

Qualifications and Work Experience:

- Bachelor's Degree in Energy or Engineering or related subject area and five years direct occupational experience, including renewable and alternative technology applications and/or renewable energy-thermal.
- At a minimum, occupational experience has to have occurred at least 1 year within the last 5 years.
- Occupational experience may include:
 - Photovoltaic System Installer
 - Photovoltaic System Designer
 - Solar Thermal System Installer
 - Solar Thermal System Designer
 - Electrician
 - Plumber
 - HVAC Installer / Maintenance Technician
 - Pipefitter
 - Steamfitter
 - Facilities Director
 - Boiler Operator
 - Architect / Building Designer
 - Well Drillers HVAC Installer / Maintenance Technician
 - General Contractor
- NABCEP certified in solar electricity installation, solar thermal installation, PV preferred.
- Hands on experience in the following: solar site assessment, solar electric installation, solar thermal installation, solar repair /troubleshooting, energy audits
- Familiarity with solar analysis, energy analysis, and CAD software including but not limited to RETScreen, Solar Pathrinder, and Energy Star.
- NABCEP Certified PV Installer, NABCEP Certified Solar Thermal Installer, NABCEP PV Technical Sales preferred

Requirements Post Hire:

- A minimum of 2,000 hours of direct experience in Renewable Energy-Thermal is required to be hired. Individual will be required to obtain minimum of 2,000 hours if they do not possess 4,000 hours at hire.
 - Solar hot water installer
 - Geothermal designer
 - Geothermal installer
 - Geothermal driller

PHYSICAL DEMANDS

Physical Demands

Stand	F (Frequently)
Walk	F (Frequently)
Sit	O (Occasionally)
Handling / Fingering	O (Occasionally)
Reach Outward	O (Occasionally)
Reach Above Shoulder	O (Occasionally)
Climb	N (Not Applicable)
Crawl	N (Not Applicable)
Squat or Kneel	O (Occasionally)
Bend	O (Occasionally)

Lift/Carry

10 lbs or less	F (Frequently)
11-20 lbs	O (Occasionally)
21-50 lbs	O (Occasionally)
51-100 lbs	O (Occasionally)
Over 100 lbs	N (Not Applicable)

Push/Pull

12 lbs or less	O (Occasionally)
13-25 lbs	O (Occasionally)
26-40 lbs	O (Occasionally)
41-100 lbs	N (Not Applicable)

N (Not Applicable) Activity is not applicable to this occupation.

O (Occasionally) Occupation requires this activity up to 33% of the time (0 - 2.5+ hrs/day)

F (Frequently) Occupation requires this activity from 33% - 66% of the time (2.5 - 5.5+ hrs/day)

C (Constantly) Occupation requires this activity more than 66% of the time (5.5+ hrs/day)

The College has reviewed this job description to ensure that essential functions and basic duties have been included. It is intended to provide guidelines for job expectations and the employee's ability to perform the position described. It is not intended to be construed as an exhaustive list of all functions, responsibilities, skills and abilities. Additional functions and requirements may be assigned by supervisors as deemed appropriate. This document does not represent a contract of employment, and the College reserves the right to change this job description and/or assign tasks for the employee to perform, as the College may deem appropriate.