

PANEL INSTALLER

DESCRIPTION

Solar power is pollution free and causes no greenhouse gases to be emitted after installation. Panel Installers assemble, install, or maintain solar photovoltaic (PV) systems on roofs or other structures in compliance with site assessment and schematics.

SKILLS

- Comfortable working with heights
- Able to perform heavy manual labour for prolonged periods of time
- Read and interpret documents, work with numbers to perform calculations
- Problem solving skills to provide solutions to challenges

DUTIES

- Assemble solar modules, panels, or support structures
- Install active solar systems, including solar collectors, concentrators, pumps, or fans
- Install photovoltaic (PV) systems in accordance with codes and standards using drawings, schematics, and instructions
- Perform routine photovoltaic (PV) system maintenance
- Select mechanical designs, installation equipment, or installation plans that conform to environmental, architectural, structural, site, and code requirements
- Test operating voltages to ensure operation within acceptable limits for power conditioning equipment
- Visually inspect and test photovoltaic (PV) modules or systems

EDUCATION

- High School Diploma or Equivalent

RELATED PATHWAY OPTIONS

Roofer

SALARY RANGE \$45,000 to \$71,000

VISIT WWW.MYOCCA.CA FOR MORE CAREERS IN CONSTRUCTION

WHERE TO TRAIN

N/A

OTHER OPTIONS

CESTAR COLLEGE SOLAR (PV) INSTALLER

NIAGARA COLLEGE RENEWABLE ENGERIES TECHNICIAN

GETTING STARTED

THE OCCA CAN HELP YOU EXPLORE THESE THREE PATHWAYS:

- 1** You can begin by applying for a job directly in the Construction Industry. Once you begin working with a Construction Company or Contractor you will quickly gain the necessary skills needed to advance yourself through in-house, work-as-you-learn training.
- 2** You can get started through an apprenticeship program by combining on the job training with technical in-class training, gaining experience and increased responsibility. You can work in the industry, get paid, and work towards earning credits .
- 3** You can enroll in a University, Community College or a Private Technical School to study and prepare yourself for a Career in Construction. All of this information may be found through our website.

