

MAINTENANCE APPRENTICESHIP PROGRAM

PALO VERDE GENERATING STATION

Program Details:

- 4-year program (8,000 hours) which combines on the job learning and formal technical training to become a skilled Journeyworker in one of the following areas:
 - Electrician, Powerhouse
 - Refrigeration Mechanic (HVAC)
 - Instrument Technician, Utilities
 - Maintenance Mechanic
 - Machinist
 - Powerhouse Mechanic
 - Welder-Fitter
- **On the job learning-** Paid work experience at Palo Verde Generating Station (40 hours per week).
- **Formal technical training-** Successful completion of company and college coursework with an 80% or better.

Minimum Requirements:

- Must be eighteen (18) years of age at the time of selection
- High School Diploma or equivalent (GED).
- Must meet the recommended score on the Edison Electric Institute Maintenance Selection System (MASS) test.
- Must have completed the seven (7) apprenticeship prerequisite courses with an 80% or better (listed below), or possess a 2 or 4 year degree from a regionally accredited institution, or be a veteran with a Maintenance Occupational Specialty verified by a DD214.

COURSE NUMBER	COURSE TITLE	CREDIT HOURS
CIS105	Survey of Computer Information Systems	3
COM110	Interpersonal Communication	3
ENG101	First Year Composition	3
ENG102 or ENG111	First Year Composition or Technical & Professional Writing	3
MAT121	Intermediate Algebra	4
PHS110 or PHY101	Fundamentals of Physical Science or Introduction to Physics	4
PPT120	Energy Industry Fundamentals	3

- Successfully obtain and maintain all required security background screening.
- Uphold safety and human performance standards and behaviors.

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MAINTENANCE INTERNSHIP PROGRAM

PALO VERDE GENERATING STATION

Program Details:

- 12-month program which combines on the job learning and formal technical training.
 - **On the job learning-** Paid work experience at Palo Verde Generating Station (40 hours per week).
 - **Formal technical training-** Successful completion of the seven (7) Apprenticeship pre-requisite courses at Estrella Mountain Community College (EMCC). The tuition and books for the required college courses are paid for by APS.

COURSE NUMBER	COURSE TITLE	CREDIT HOURS
CIS105	Survey of Computer Information Systems	3
COM110	Interpersonal Communication	3
ENG101	First Year Composition	3
ENG102 or ENG111	First Year Composition or Technical & Professional Writing	3
MAT121	Intermediate Algebra	4
PHS110 or PHY101	Fundamentals of Physical Science or Introduction to Physics	4
PPT120	Energy Industry Fundamentals	3

- **Rotations-** Interns will rotate through various maintenance shops to determine area of interest:
 - Electrical
 - HVAC
 - Instrumentation and Controls
 - Machinist
 - Mechanical
 - Utilities
 - Valves
 - Weld

Minimum Requirements

- 18 years of age at the time of selection.
- High School Diploma or equivalent (GED).
- Must meet the recommended score on the Edison Electric Institute Maintenance Selection System (MASS) test.
- Successfully obtain and maintain all required security background screening.
- Uphold safety and human performance standards and behaviors.

Note- If the applicant has successfully completed the 7 required courses for the Apprenticeship program with an 80% or better, the applicant may apply directly to the Apprenticeship program. It is **not** a requirement to go through the internship program prior to the Apprenticeship program.

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