Learn your trade at a world-class research laboratory

The Princeton Plasma Physics Laboratory (PPPL), one of 17 U.S. Department of Energy National Laboratories, is a world-class fusion energy and plasma research center operated by Princeton University for the federal government. It is the only national laboratory dedicated to developing the scientific and technological knowledge for fusion energy as a safe, economical and environmentally attractive source for the world’s long-term energy needs.

Engineers and technicians play a critical role in achieving this world-changing technology. PPPL has several programs in place to develop the talent to satisfy the Energy Workforce needs of PPPL and the country, designing, building, and operating some of the world’s most complex experimental devices.

If you are considering a career as a technician in electronic, electrical or mechanical technology, PPPL can help prepare you for this challenging and rewarding path. Join us as we lead the nation and world on the road to clean energy, by becoming a PPPL Apprentice!

PPPL’s Apprenticeship Program provides on-the-job learning through full-time employment and coursework through a partner education institution over this four-year program. Apprentices are trained and certified as Mechanical, Electrical, Electronic, Welding, Machinist, IT Generalist, and HVAC Technicians.
Eligibility:
• 8,000 hours of on-the-job training
• 576 hours of related technical coursework
• Competitive pay
• Princeton University benefits, including medical and dental plans, child/elder dependent care grants including backup care, tuition reimbursement, contributions to a retirement plan with no matching requirement, and more

Applicants must be at least age 18 at the start of the program (August 2022) and have a high school diploma or equivalent. Also must apply for our pre-apprenticeship 4 week program to be considered for the apprenticeship program.