



**Technician I – Accelerator Operator
APS Accelerator Systems Division (ASD)
Argonne National Laboratory
Lemont, IL (Southwest Suburbs of Chicago)**

Argonne National Laboratory, one of the nation's largest science and engineering research labs, employs 3,400 employees, including approximately 1,250 scientists and engineers, and supports more than 200 research projects. Our mission is to apply a unique mix of world-class science, engineering, and user facilities to deliver innovative research and technologies. We create new knowledge that addresses the most important scientific and societal needs of our nation. Argonne is located 25 miles southwest of Chicago on a beautiful 1,500-acre campus.

Argonne National Laboratory's Accelerator Systems Division (ASD) has opened an exciting entry-level position for a Technician I – Accelerator Operator at its Advanced Photon Source facility. In this role, you will assist in the around-the-clock operation of a kilometer-long particle accelerator/storage ring from its main control room, along with a highly skilled staff of scientists and engineers. Training is provided in all aspects of accelerator facility operation, with advancement up to Technician III contingent upon successful completion of that training. Further advancement within the division is also a possibility based on your abilities, skills, attitude and drive to succeed.

Your experience and skill in operation of remote scientific or industrial system using centralized computer-based control systems is very desirable as is good knowledge mechanical/electronic systems and physics is also desirable. If you have experience working rotating shifts supporting 24-hour facility operations, it is considered a plus.

The ASD provides engineering and physics support for the Advanced Photon Source and pursues research and development profitable to the science of accelerators and future light source technologies. You can find more information online at:
http://www.aps.anl.gov/Accelerator_Systems_Division/.

To be considered you must have:

- Some understanding of, or ability to acquire understanding of, basic physical principles underlying operation of particle accelerators is required.
- Some understanding of and experience with electrical and mechanical systems is desirable but not required
- Some working knowledge of the design and operation of one of the major accelerator subsystems or direct experience in the operation of accelerators is desirable, but not required.
- Good communication skills, initiative, and motivation to learn are highly desirable.
- Typing proficiency desired.
- Rotating shifts required in support of 24/7 operation.
- Some extended hours may be required to meet facility schedule and programmatic requirements.

Military experience is highly desirable.

We offer a competitive salary and an excellent benefits package. For consideration, please apply via our website at <http://bit.ly/Tech1ASD> (requisition #319724).

Argonne is an equal opportunity employer; we value diversity in our workforce.