

## Apprenticeship Announcement

This public notice is to inform you that apprenticeship applications will be accepted for the Protective Signaling JATC **Limited Energy Technician Class A** program.

### 2019 Opening Dates

#### Year Round:

Applications may be downloaded at [www.protectivesignalingjatc.org](http://www.protectivesignalingjatc.org) or [www.psjatc.org](http://www.psjatc.org).

Applications may also be obtained by request via US Postal Service, email or picked up by appointment.

All applications and documentations must be submitted via the Protective Signaling JATC post office box  
PO Box 1837  
Oregon City, OR 97045

Contact Kristan Lewis at: [kristan@psjatc.org](mailto:kristan@psjatc.org) or 503.475.6396

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### 2019 Submission Deadlines

**Application Deadlines:** Applications and all supporting documentation must be received by the published submission deadline for the applicant to be considered for the designated interview dates.

<b>Submission Deadline:</b>	<b>Interview Dates:</b>	<b>Submission Deadline:</b>	<b>Interview Dates:</b>
March 6, 2019	March 20, 2019	August 7, 2019	August 21, 2019
June 5, 2019	June 19, 2019	October 2, 2019	October 16, 2019

Interview dates may be added or changed based on committee member availability.  
Individual interviews times are scheduled upon verification of applicant's minimum qualifications.

### Application Process

1. Completed applications must be mailed to: Protective Signaling JATC  
PO Box 1837  
Oregon City, OR 97045
2. Application and all supporting documentation must be submitted at least two weeks prior to the scheduled interview date.
3. Applications missing documentation may be left open for up to six months and applied to subsequent interview dates.
4. Applicants meeting minimum qualifications will be contacted to schedule a required interview with the Protective Signaling JATC committee.
5. The application and interview scores will be combined to provide an informational score.
6. Applicants will be notified of their score by mail or e-mail.
7. All applications will expire after 2 years and applicants will need to reapply.

### Minimum Qualifications

1. Must be at least 17 years of age to apply and may not be registered until they are at least 18 years of age.
2. Must be a high school graduate or have obtained the equivalent GED certificate.
3. Must have completed one year of high school algebra, integrated math 2, or equivalent post-high school algebra course(s) with a grade of C or better, or submit equivalent math placement test scores.
4. Documentation of the requirements listed above must be submitted with application.

### Additional Documentation

1. Qualifying applications will be reviewed and scored according to the published application point system (available at [www.protectivesignalingjatc.org](http://www.protectivesignalingjatc.org) or upon request).
2. Points will not be given unless the applicant provides supporting documentation (including, but not limited to: diploma, school transcripts, course certificates, DD214, work experience and valid driver's license.)
3. Selection procedures are documented in the Protective Signaling JATC Standards registered with BOLI Apprenticeship and Training Division. (Available at [www.protectivesignalingjatc.org](http://www.protectivesignalingjatc.org) or upon request).

Veterans who qualify for GI Educational Benefits may use them in this program.

**WOMEN AND MINORITIES ARE ENCOURAGED TO APPLY**

## **Apprenticeship Announcement**

### **Limited Energy Technician Class A**

#### **Description of Work**

This is a 6,000 hour (approximately three year) on-the-job training apprenticeship program. Apprentices will learn to install, maintain, replace and repair electrical systems and equipment of fewer than 100 volts-amperes. The work may include: basic telephone cable installation and termination; telephone station and control equipment installation for telephone systems; installation, field service and repair of fire alarm systems, intrusion/burglar alarm systems, audio/visual systems, boiler system, closed-circuit television, central control systems, nurse call and emergency call systems, communications systems, intercoms, sound and public address systems, fiber optics, programmable and controlling instruments, local area networks, and structured wiring systems.

#### **Working Conditions**

Limited Energy Technician apprentices will work indoors and outdoors in all types of weather. Working conditions may include confined crawl spaces and extreme heights. The work may require standing, bending, lifting, reaching, and ladder climbing. Tools used include electrical metering devices, cable pulling devices, and electrical hand tools

#### **Work Processes**

The work processes to be learned and the minimum hours required for each are as follows:

Limited Energy Installations (3,000 on-the-job training hours)

Stock room and materials (shop, service) (Max 450 on-the-job training hours); Limited energy wiring (installation, wire pulling, splices, conduit, flex, tray and duct, control panels and controls, wiring devices, removal and finish work); Troubleshooting and maintenance; Outdoor installation (overhead and underground)

Limited Energy Applications (3,000 on-the-job training hours)

Protective Signaling (Min. 750 on-the-job training hours) – includes: fire alarms, nurse call, security;

Communications Systems – includes: data telecommunication, intercom, paging;

Specialized Control Systems – includes: HVAC, medical, boiler, clock, instrumentation

#### **Related Training**

A minimum of 144 hours of related training (3 classes) shall be required for each year the apprentice is in the program. Related training classes will be held at Clackamas Community College in Oregon City. Classes are taken as assigned by the program coordinator. Related training includes the following subjects: electrical mathematics; safety & accident prevention; care and use of hand and power tools; blueprint reading and electrical symbols; introduction to the National Electrical Code; electrical fundamentals and basic theory; electrical measuring devices; wiring methods; related electrical statutes and rules; fundamentals of electronics; transformers; lighting circuits; basic mechanics; applied physics and theory; fire and life safety systems; communication systems; and specialized controls systems.

Current cost of related training per class is: tuition - \$400.00 and books – approximately \$125.00

#### **Wages**

Apprentices are guaranteed a starting wage of at least 50% of the average journeyman wage. The average wage for journeymen employed by employers participating in the Protective Signaling JATC is \$30.74 per hour (effective May 1, 2018). Wages increase as the apprentice progresses through the program according to the published wage progression (see [www.protectivesignalingjatc.org](http://www.protectivesignalingjatc.org)).

#### **Employers**

Employers approved by this program are located in the following Oregon Counties: Clackamas, Multnomah, Washington, the north half of Yamhill and Clark County, Washington.

Veterans who qualify for GI Educational Benefits may use them in this program.

#### **WOMEN AND MINORITIES ARE ENCOURAGED TO APPLY**

This program is registered with the Oregon State Apprenticeship & Training Council and recognized by the Bureau of Labor and Industries. Program standards are available upon request or at [www.protectivesignalingjatc.org](http://www.protectivesignalingjatc.org).  
(Protective Signaling JATC – MA#1100 – Phone: 503-475-6396 – [www.psjatc.org](http://www.psjatc.org))

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