

The University of Akron
Classification Specification

Job Title:	Integrated Electronic Technician	Job Code:	94015
Job Function:	Staff	Grade:	09
Job Family:	Bargaining Unit	FLSA:	Non-Exempt
SOC Description:	5000 Facilities Management Division	Date:	7/12

Job Summary:

Under general supervision from superintendent, perform skilled electrical installations and repair electronic installations at an integrated Electronic/Electrician Technician skill level.

Essential Functions:

20-50% Perform all essential functions of an Electrician. Install, maintain and repair all electrical systems and integrated electronic electrical systems. Design and construct new (or modify existing) integrated electronic electrical equipment and tools to maintain, operate and test a variety of electrical and electronic systems. Observe functioning of installed electronic and electrical equipment and systems to detect needs for adjustments, relocation, replacement or repair.

10-30% Plan layout, install and repair wiring, conduit, electrical fixtures apparatus and control equipment. Troubleshoot and repair electronics using sophisticated electronic test equipment. Plan and implement inspection and preventative maintenance on all facilities, equipment and systems.

0-10% Plan new or modified installations to minimize waste of materials, provide access for future maintenance and avoid unsightly, hazardous and unreliable wiring consistent with specifications and local electrical codes.

0-10% Maintain higher voltage services such as racking out breakers at substations, opening oil switches and replacing fuses on medium voltage lines.

0-10% Mount meters and other electric equipment for high load installations such as watt-hour meter, time clocks, transformers and circuit breakers on racks or wall.

0-10% Direct work of employees that are assigned to job. Assist with training of shop personnel, student assistants or temporary workers. Complete work, time and material usage reports. Perform other duties as assigned by Superintendent/Supervisor.

Education:

Requires high school diploma or GED.

Licenses/Certifications:

Valid Ohio Driver's License and completed Journeyman level training program or equivalent, and 2 years of electronic training courses.

Experience:

Requires a minimum of 1 year experience of working with solid state controls used in the operations of the University's variable frequency drives, motor controls, generators, fire alarm systems and others. Ability to use and read complex charts, blueprints, schematics, relay logic drawings and one- line diagrams to make decisions, draw conclusions and apply information to new or existing situations required. Ability to use analog measuring devices, oscilloscope, and computers required. Ability to solder well at board-component level, and use standard powered and nonpowered electrical equipment required. Strong troubleshooting and problem solving skills required. Ability to work alone required.

Leadership:

Provide guidance to nonexempt staff including general scheduling, assigning tasks and monitoring the work of others, as assigned by the Supervisor.

Physical Requirements:

Must be able to lift 80 pounds without assistance and demonstrate bending, crouching and lifting. Must be able to climb a ladder.

Working Conditions:

The intent of this classification specification is to provide a representative summary of the types of duties and responsibilities that will be required of positions given this title and shall not be construed as a declaration of the specific duties and responsibilities of any particular position. Employees may be requested to perform job-related tasks other than those specifically presented in this description. The University requires that all University employees whose assigned duties include some involvement with The University of Akron's intercollegiate athletics program, comply with all relevant NCAA Bylaws in performing their work.

Routine exposure to heat, cold, moisture/wetness, inclement weather, noise, air pollution and heights. May involve exposure to chemical substances, hazards and moving parts. Work schedule is subject to change in accordance with University needs and/or the results of the shift line-up process. Overtime/Call-ins may be mandatory based on University need.

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