

A.S. DEGREE IN ELECTRICAL ENGINEERING

For a description of the Electrical Engineering Program, see link below.

<http://www.hostos.cuny.edu/Administrative-Offices/Office-of-Academic-Affairs/Dual-Degree-Program/Engineering-Programs/ELECTRICAL-ENGINEERING/JOINT-DUAL-PROGRAM-IN-ELECTRICAL-ENGINEERING>

For more information, see link below.

<http://www.hostos.cuny.edu/Hostos/media/Pathways/Electrical-Engineering-AS-10-01-2019.pdf>

SKILLS

Logical-thinking skills. Electrical and electronics engineering technicians must isolate and then identify problems for the engineering staff to work on. They need good reasoning skills to identify and fix problems. Technicians must also follow a logical sequence or specific set of rules to carry out electrical engineers' designs, inspect designs for quality control, and put together prototypes.

Math skills. Electrical and electronics engineering technicians use math for analysis, design, and troubleshooting in their work.

Mechanical skills. Electronics engineering technicians in particular must use hand tools and soldering irons on small circuitry and electronic parts to create detailed electronic components by hand.

Observational skills. Electrical engineering technicians sometimes visit construction sites to make sure that electrical engineers' designs are being carried out correctly. They are responsible for evaluating projects onsite and reporting problems to engineers.

Writing skills. These technicians must write reports about onsite construction, the results of testing, or problems they find when carrying out designs. Their writing must be clear and well organized so that the engineers they work with can understand the reports.

PAY

\$65,260 in May 2019

The median annual wage for electrical and electronics engineering technicians was \$65,260 in May 2019.

SAMPLE JOB TITLES

Chemical Engineering Technician, Civil Engineering Technician, Computer Support Person, Electrical Engineer, Electronics Technician, Electrical Technician.

Job Outlook

Employment of electrical and electronics engineering technicians is projected to show little or no change from 2018 to 2028.

Bureau of Labor Statistics, U.S. Department of Labor, *Occupational Outlook Handbook*, Electrical and Electronics Engineering Technicians, on the Internet at <https://www.bls.gov/ooh/architecture-and-engineering/electrical-and-electronics-engineering-technicians.htm> (visited July 28, 2020).

RESOURCES

<https://www.bls.gov/ooh/>

<http://hostos.cuny.edu/Administrative-Offices/Career-Services-Office>

<https://access.vault.com/career-insider-login.aspx?aid=148711>

<https://hostos-csm.symplicity.com/>