



NATE HVAC Support Technician

Certification website: [HVAC Support Technician KATE \(natex.org\)](https://natex.org)

Credential Summary

The HVAC Support Technician exam tests general knowledge and HVAC specific knowledge in the areas of safety, tools, heat transfer, comfort, basic science, basic electrical, installation, planned maintenance, system components, and design considerations. This exam and certificate is for early career technicians with 6 months to 1 year of experience in the HVAC industry.

Overview

- **Related Instructional Hours:** 216 estimated
- **Exam details:** Pass/Fail scoring
- **Third party testing provider:** North American Technician Excellence Inc (NATE)
- **Exam cost:** \$50
- **Renewal details:** Certification is good for 2 years
 - Recertification by earning 16 hours of continuing education hours (CHEs) and pay renewal fees or retake the specialty exam

Job Opportunities

- **Relevant SOC codes**
 - Heating, Air Conditioning, And Refrigeration Mechanics and Installers 49-9021
 - Maintenance and Repair Workers, General 49-9071
 - Helper – Installation, Maintenance, and Repair Workers 49-9098
- **Demand Information**
 - Average flame ranking = 3.91/5
- **Average Wages**
 - Ranges from \$36,980 (17.78 per hour) to \$56,120 (26.98 per hour)
(Average wages pulled as of October 2023)

Knowledge, Skills, and Competencies

- Safety
- Tools
- Basic Construction Terms
- Using Basic Science
- Achieving Desired Conditions
- Temperature & Humidity Measurements
- Basic electricity
- Installation
- Service
- System Components
- Applied Knowledge: Design Considerations



Post Secondary Relevance

- **Next level programs of study**
 - Construction Trades
 - Principles of HVAC
 - HVAC Fundamentals
 - HVAC Service