# Amari Adkins

Engineering Technician 1

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## STRENGTHS

**Field Accuracy**
During inspection exercises, checked measurements against plans and records, catching discrepancies before supervisor review.

**Testing Discipline**
In laboratory sessions, followed documented procedures and calibration steps, keeping material results dependable for review.

**Survey Calculations**
Applied geometry and trigonometry to measured conditions, then explained areas, slopes, and alignments clearly.

**Clear Documentation**
Organized field notes, tables, and findings so classmates and supervisors could trace each result quickly.

**Public Communication**
Campus service brought regular public contact, and straightforward explanations helped resolve questions without slowing work.

## SKILLS

Construction inspection | Surveying | Materials testing | Soil testing | CAD drafting | Algebra | Geometry | Trigonometry | Quantity calculations | Equipment calibration | Right of way | Field documentation | Plan interpretation | Technical research | Data analysis

## LANGUAGES

English — Native

## SUMMARY

Entry level **civil engineering** technician candidate with supervised experience supporting construction inspection, materials testing, surveying, drafting, and technical documentation. Civil engineering technology coursework built practical skill with plan interpretation, construction specifications, soil acceptance, material testing, equipment calibration, **computerized survey equipment**, levels, rods, CAD tools, spreadsheets, and field records. Applies algebra, geometry, and trigonometry when calculating areas, volumes, slopes, traverses, alignments, quantities, and contours. Academic work included boundary research, **right of way** review, laboratory procedures, technical drawings, data analysis, and **contractor quantity documentation**. Campus service strengthened public communication, accurate data entry, and cooperative problem solving. Ready for close technical supervision while contributing careful field observations, reliable testing, organized records, and clear communication across construction and engineering activities.

## EDUCATION

**Associate of Applied Science in Civil Engineering Technology**

College of Southern Nevada | GPA: 0 | 2026 | Henderson, Nevada

***Coursework:*** *Construction inspection, surveying, soil testing, materials testing, technical drafting, engineering calculations*

## TECHNICAL SKILLS

- **Survey Equipment:** Transits, levels, rods, computerized survey equipment
- **Laboratory Testing:** Soil acceptance, material testing, design mix testing
- **Quality Control:** Proficiency testing, advanced testing, quality control testing
- **CAD Drafting:** AutoCAD, technical drawings, computer aided maps
- **Technical Calculations:** Algebra, geometry, trigonometry
- **Quantity Analysis:** Areas, volumes, slopes, quantities
- **Survey Calculations:** Traverses, limits, alignments
- **Data Presentation:** Maps, charts, graphs, tables
- **Construction Records:** Contractor quantities, field notes, recordkeeping
- **Property Research:** Property ownership, boundaries, encumbrances
- **Safety Inspection:** Safety barriers, equipment inspection, right of way features
- **Office Applications:** Spreadsheets, calculators, computer data entry

## EXPERIENCE

### Engineering Technician, Construction Inspection Project

University Project | January 2026 - September 2026 | Henderson, Nevada

Completed supervised **construction inspection** work using plans, specifications, field procedures, safety practices, and organized technical records. Supported condition reviews, quantity documentation, discrepancy reporting, and verification activities for academic construction scenarios.

- Interpreted construction **plans and specifications** during supervised site inspection exercises
- Inspected **materials**, equipment, barriers, boundaries, and **right of way** features
- Recorded contractor **quantities** and field observations in organized technical documentation
- Compared completed work with requirements before supervised project closeout
- Reported discrepancies with supporting evidence for timely technical review

### Engineering Technician, Materials Testing Lab

Student Lab | August 2025 - May 2026 | Henderson, Nevada

Supported supervised laboratory activities focused on soil and material acceptance, design mix procedures, **quality control testing**, equipment care, and **accurate data** reporting. Followed documented methods while preparing results for technical review.

- Performed supervised **soil acceptance** tests using documented laboratory **procedures**

Spanish Intermediate

## MY CAREER


- Engineering Technician, Construction Inspection Project at University Project (8 Months)
- Engineering Technician, Materials Testing Lab at Student Lab (9 Months)
- Engineering Technician, Surveying Project at Academic Research (6 Months)

- Supported material testing and design mix evaluations for class assignments
- Maintained and calibrated laboratory **equipment** before scheduled testing activities
- Entered test observations and **calculations** into organized technical records
- Reviewed results for discrepancies before submitting laboratory documentation

### Engineering Technician, Surveying Project

Academic Research January 2025 - July 2025 Henderson, Nevada

Conducted supervised surveying and **technical research** activities involving computerized instruments, property boundaries, title conditions, calculations, maps, and technical drawings. Prepared clear records supporting review of measured data and plotted results.

- Collected topographic measurements with **levels**, rods, **transits**, and survey equipment
- Calculated areas, volumes, slopes, traverses, limits, and alignments
- Researched **property ownership**, boundaries, encumbrances, and **title conditions**
- Prepared CAD maps, charts, graphs, contours, and **technical drawings**
- Checked survey records against source measurements before technical review

## PROJECTS

### Topographic Survey and Quantity Study July 2025

Produced a supervised topographic study using field measurements, computerized survey equipment, CAD drafting, contour work, and quantity calculations. Results connected measured conditions with clear technical drawings and organized records.

### Soil Acceptance and Design Mix Study May 2026

Completed supervised laboratory work covering soil acceptance, design mix testing, calibration checks, quality control procedures, data entry, and technical review. Findings supported accurate interpretation of material results.

## LEADERSHIP & AWARDS

- Dean's List, College of Southern Nevada, 2025 to 2026
- Student Technical Presentation Recognition, College of Southern Nevada, 2026
- Civil Technology Peer Study Group Coordinator, College of Southern Nevada, 2026

## CERTIFICATIONS

- OSHA 10 Hour Construction 2026
- AutoCAD Fundamentals 2025

## PROFESSIONAL AFFILIATIONS

- Civil Technology Peer Study Group, Coordinator, 2026
- Campus Service Corps, Henderson, Nevada, 2025 to 2026

## ADDITIONAL INFORMATION

**Work Status** : Authorized to work in United States. No sponsorship required.

## REFERENCES

AVAILABLE ON REQUEST