

Luis Padilla

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SUMMARY

Early career **construction materials testing** candidate completing hands on technical preparation in **concrete testing**, soil evaluation, rebar inspection concepts, mortar testing, **soil mechanics**, and geotechnical fundamentals. Supervised laboratory and outdoor simulations have built practical skill with field observations, sample preparation, measurements, equipment setup, safe work practices, and clear documentation. Training includes **construction materials**, quality control reporting, Microsoft Excel field logs, test equipment care, and commercial construction scenarios. Comfortable working outdoors, traveling to project locations, adapting to changing assignments, and following standardized procedures under supervision. Reliable attendance and careful record review support dependable project documentation. Prepared for night shifts, weekend work, physical field conditions, employer provided training, and industry certification pursuits while contributing steady support to construction teams.

EDUCATION

Certificate in Construction Technology2026

Calhoun Community College GPA: 3.8

Decatur, Alabama

Coursework: Concrete testing, soil mechanics, construction safety, field documentation

TECHNICAL SKILLS

- **Concrete Testing:** Concrete sampling, specimen preparation, field measurements
- **Soil Testing:** Moisture testing, soil classification, compaction testing
- **Construction Materials:** Concrete, soils, mortar
- **Reinforcement Inspection:** Rebar placement, reinforcement observations, construction drawings
- **Geotechnical Concepts:** Soil mechanics, soil profiles, site conditions
- **Field Documentation:** Field observations, standardized forms, daily notes
- **Data Recording:** Measurement records, handwritten observations, completeness checks
- **Microsoft Office:** Microsoft Excel, electronic logs, report preparation
- **Testing Equipment:** Equipment setup, equipment inspection, equipment cleaning
- **Construction Safety:** OSHA 10, safe work zones, tool handling
- **Quality Control:** Quality control reporting, record review, documentation accuracy
- **Field Operations:** Outdoor work, site travel, changing assignments

SKILLS

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|--------------------|-------------------------|-----------------------|-----------------------|
| • Concrete testing | • Soil mechanics | • Outdoor work | • Flexible scheduling |
| • Soil evaluation | • Geotechnical analysis | • Equipment care | • Travel readiness |
| • Rebar inspection | • Field documentation | • Construction safety | • Test procedures |
| • Mortar testing | • Microsoft Excel | • Quality control | |

EXPERIENCE

Construction Materials Testing Trainee

Student Lab

January 2026 to Present

Huntsville, Alabama

Complete supervised laboratory and outdoor training across concrete, soils, mortar, reinforcement, equipment care, and **field documentation**. Rotate through changing assignments while applying safe procedures and accurate reporting methods relevant to **commercial construction sites**.

- Compared **concrete**, soil, **mortar**, and reinforcement conditions during supervised testing exercises.
- Prepared concrete specimens, recorded measurements, and organized observations in field style logs.
- Evaluated soil moisture, classification, and compaction results against basic soil mechanics concepts.
- Inspected, cleaned, and stored **testing equipment** before and after assigned exercises.
- Entered test data in **Microsoft Excel**, then checked entries against handwritten observations.
- Rotated through outdoor assignments while adapting to changing schedules and training priorities.

Commercial Site Testing Simulation

University Project

August 2025 to December 2025

Huntsville, Alabama

Simulated materials testing support for a commercial construction site, covering concrete, **soils**, **rebar**, mortar, observations, equipment planning, and documentation controls. Presented completed work during class review while maintaining supervised decision boundaries.

- Mapped sample locations, measurements, equipment needs, and documentation steps for simulated activities.
- Recorded mock inspection results on standardized forms and corrected missing values before submission.
- Applied introductory geotechnical concepts to soil profiles and compaction scenarios.

- Documented reinforcement placement and mortar observations from instructor provided construction scenarios.
- Presented testing sequence, documentation controls, and lessons learned during class review.
- Connected field conditions with construction decisions through supervised materials analysis exercises.

Construction Field Documentation Trainee

January 2025 to May 2025

Course Project

Huntsville, Alabama

Built a supervised documentation portfolio for construction scenarios involving daily notes, material observations, test records, equipment checklists, and changing assignment requirements. Practiced safe outdoor measurements and clear reporting for concrete, reinforcement, soil, and masonry activities.

- Built daily notes, material observations, test records, and equipment checklists for scenarios.
- Converted handwritten site observations into organized electronic logs with complete entries.
- Studied drawings and construction terminology to identify **concrete**, reinforcement, soil, and masonry work.
- Practiced outdoor measurements with supervised **tools** around simulated construction work zones.
- Compared sample reports with course criteria and corrected unclear site descriptions.
- Completed changing assignments while meeting documentation deadlines and preparing equipment safely.

PROJECTS

Field Testing Documentation Portfolio 📅 2025

Created organized construction records covering daily observations, measurements, equipment checks, and report review. The work connected clear documentation with dependable project communication.

Soil Compaction Study 📅 2026

Compared supervised soil moisture, classification, and compaction observations, then related findings to basic soil mechanics and possible site conditions.

LEADERSHIP & AWARDS

- Construction Technology Program Achievement Award, Calhoun Community College, 2026
- Dean's List recognition for strong academic performance, 2025
- Peer Study Group contributor supporting construction technology classmates, 2025 to 2026

CERTIFICATIONS

- OSHA 10 Hour Construction Safety 📅 2026
- Construction Safety and Health Fundamentals 📅 2025

PROFESSIONAL AFFILIATIONS

- Construction Technology Peer Study Group member, Calhoun Community College, 2025 to 2026
- Campus Service Day volunteer supporting hands on community activities, 2025

LANGUAGES

- English (Native)
- Spanish (Proficient)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST