

Lukas Neal

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SUMMARY

Early career **mechanical engineering** graduate with supervised experience supporting **energy project** execution through engineering coordination, procurement interfaces, **vendor documentation**, testing, operations, and logistics. Capstone and university simulations developed practical **project administration** skills, including schedule tracking, labor hour awareness, equipment list definition, budget review, contractual documentation, risk identification, and status reporting. Work with MS Excel and PowerPoint has supported clear project controls, document registers, requisition records, and technical presentations. QHSES principles guided laboratory, testing, material movement, and simulated execution activities. Academic projects required coordination across diverse teams, disciplined recordkeeping, problem solving, and clear English communication. This foundation supports reliable contributions across rotating engineering and project functions, with a steady focus on accurate information, timely follow through, and safe project delivery.

EDUCATION

Bachelor's Degree in Mechanical Engineering

2026

Texas A&M University GPA: 0

College Station, TX

Coursework: Project management, procurement systems, mechanical design, testing methods, engineering analysis

TECHNICAL SKILLS

- **Microsoft Office:** Excel, PowerPoint, Word
- **Project Controls:** Schedule tracking, labor hour tracking, budget tracking
- **Procurement Records:** Requisitions, purchase documentation, subcontracting records
- **Vendor Documentation:** Document registers, review comments, approval tracking
- **Engineering Coordination:** Equipment lists, technical data, discipline handoffs
- **Testing Operations:** Test planning, measurement capture, repeat testing
- **Logistics Planning:** Material movement, equipment status, activity sequencing
- **Risk Management:** Risk registers, deviation reviews, recovery actions
- **QHSES Practices:** Safety reviews, quality procedures, environmental considerations
- **Technical Reporting:** Engineering reports, project status, lessons learned
- **Project Communication:** Status presentations, team reviews, English reporting

SKILLS

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|----------------------------|------------------------|-------------------|-----------------------|
| • Project Administration | • Subcontracting | • Operations | • Schedule Tracking |
| • Engineering Coordination | • Expediting | • Logistics | • Risk Identification |
| • Procurement | • Vendor Documentation | • Equipment Lists | • Problem Solving |
| • Requisitioning | • Testing | • QHSES | |

EXPERIENCE

Capstone Project, Energy Project Execution Capstone

January 2026 - September 2026

Texas A&M University

College Station, TX

Supported a six student onshore energy equipment simulation under faculty supervision. Coordinated engineering deliverables, procurement interfaces, testing, operations, logistics, project controls, and final reporting while building practical experience with schedule, labor hour, equipment, budget, contractual, and QHSES requirements.

- Coordinated six student deliverables across **engineering**, procurement, testing, **operations**, and logistics milestones.
- Built an Excel tracker for **schedule** dates, **labor hours**, equipment status, budgets, and contractual deliverables.
- Identified late activities and emerging risks during weekly status reviews with faculty project supervisors.
- Developed **equipment** and requisition lists, checked data completeness, and maintained revision history for project records.
- Maintained a vendor document register covering reviews, comments, approvals, and returns within planned timelines.
- Applied QHSES criteria to testing, material movement, safety, environmental, and execution planning activities.
- Presented deviations, risks, **procurement** interfaces, and lessons learned through concise reports and PowerPoint presentations.

University Project, Project Management and Procurement Simulation

August 2025 - December 2025

Texas A&M University

College Station, TX

- Completed a supervised engineering to procurement simulation focused on equipment package coordination, project administration, contractual records, vendor information, schedule controls, risk review, and cross functional handoffs. The work strengthened practical **project management** judgment before entering rotational engineering work.
- Translated equipment scope into work activities, requisition records, and a baseline project schedule.
 - Compared planned and actual dates in Excel, then documented recovery actions for delayed vendor information.
 - Prepared mock purchase and **subcontracting** records using provided **contractual requirements** and approved technical scope.
 - Mapped engineering, procurement, **expediting**, testing, **logistics**, and operations interfaces for clearer team ownership.
 - Maintained a risk register covering schedule, documentation, supplier, and execution concerns for weekly review.
 - Prepared an **English** project report summarizing progress, open risks, document status, and recommended actions.

Student Lab, Engineering Operations and Testing Lab

January 2025 - May 2025

Texas A&M University

College Station, TX

- Performed supervised mechanical engineering laboratory work involving equipment setup, test planning, measurement capture, data analysis, safety procedures, and technical reporting. Coordinated tasks within a diverse four person team and supplied reliable records for instructor review and later design decisions.
- Executed equipment setup and test planning assignments under instructor supervision for **mechanical engineering** coursework.
 - Maintained equipment lists and test records in **MS Office** with identifiers, revisions, and results.
 - Analyzed inconsistent test data, investigated likely causes, and documented repeat test recommendations.
 - Coordinated setup, testing, calculations, and reporting across a diverse four person laboratory team.
 - Applied laboratory safety and quality procedures during equipment handling, testing, and **technical documentation**.
 - Converted raw observations into tables, calculations, and summaries supporting subsequent **engineering** design decisions.

PROJECTS

Onshore Equipment Package Simulation 📅 2026

Simulated an onshore equipment package from engineering definition through procurement, testing, operations, and logistics. Built project controls, tracked vendor documents, reviewed deviations, and presented execution risks.

Engineering Procurement Interface Study 📅 2025

Mapped engineering to procurement handoffs through requisition records, subcontracting documentation, schedule comparisons, vendor information, testing dependencies, and structured project risk reviews.

LEADERSHIP & AWARDS

- Dean's List recognition for strong academic performance, 2025
- Engineering Capstone Presentation Recognition for clear project reporting, 2026
- Selected for peer mentoring and project coordination responsibilities, 2025 to 2026

CERTIFICATIONS

- Microsoft Office Specialist: Excel Associate 📅 2025
- Coursera Project Management Principles and Practices 📅 2026

PROFESSIONAL AFFILIATIONS

- Engineering Peer Mentor, Texas A&M University, 2025 to 2026
- Student Project Management Study Group Coordinator, 2025 to 2026

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST