

Elevate Program



Empowering Young Emiratis for Career Success



About Elevate

Elevate is a strategic collaboration between ALEC and the Higher Colleges of Technology (HCT) in Ras Al Khaimah, UAE, designed to provide Mechanical and Electrical Engineering students with real-world industry experience. Students will gain hands-on exposure across multiple ALEC divisions, applying their academic knowledge in practical settings.

Why It Matters?

This program goes beyond traditional training—it bridges the gap between theory and practice, equipping young Emiratis with the skills needed for successful careers in engineering and construction. Through immersive learning and mentorship, Elevate provides participants with both technical expertise and essential interpersonal skills, ensuring they are workforce-ready from day one.





Collaboration with Higher Colleges of Technology (HCT)

The Higher Colleges of Technology (HCT), the UAE's largest applied education institution, equips students with practical expertise and an entrepreneurial mindset. In partnership with ALEC, it bridges academic learning with real-world experience, offering industry-specific training. Through hands-on learning and mentorship, this collaboration strengthens the national workforce and prepares young Emiratis for careers in the engineering and construction industry.

HCT partnership highlights

- Designed for Mechanical and Electrical Engineering students.
- Provides practical, on-site industry experience to complement academic studies.
- Enhances students' ability to tackle complex engineering challenges with confidence.

Program Structure

Elevate is more than just an internship program—it's an investment in the next generation of Emirati engineers. By combining hands-on experience, structured learning, and mentorship, we are preparing young professionals to excel in the engineering and construction industry. Students will be embedded within key areas of the Wynn Project, engaging in real engineering work whilst being mentored by senior ALEC engineers.



ORIENTATIONAL AND FOUNDATIONAL TRAINING



HSE INDUCTION AND WYNN SITE TOUR



OVERVIEW OF ALEC'S CORE DEPARTMENTS AND PROGRAM EXPECTATIONS



ENGINEERING FUNDAMENTALS

- Understanding engineering documentation and processes.
- Practical application: duct sizing, insulation selection, voltage drop calculations.

Program Structure



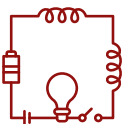
INTERPERSONAL SKILLS AND PERSONAL EFFECTIVENESS TRAINING:

- Professionalism and Attitude
- Effective Communication and Active Listening
- Cultural Awareness
- Self-Awareness and Reflection
- Problem-Solving and Decision-Making
- Teamwork and Collaboration
- Time Management and Productivity
- Career Development and Goal Setting
- Business Writing and Presentation Skills
- Feedback and Recognition
- Personal Branding and Networking



MEP SYSTEMS OVERVIEW

- Introduction to Mechanical, Electrical, and Plumbing (MEP) Systems.
- Understanding main equipment/components and design regulations.
- Overview of MEP Schematics and Systems in the Wynn Project.



SITE ENGINEERING AND ELECTRICAL SYSTEMS

- Shadowing engineers and foremen to understand installation sequences
- Observing electrical installations, control systems, and testing procedures

Program Structure



COMMERCIAL AND COST MANAGEMENT

- Understanding MEP cost structures, BOQs, and contract strategies
- Evaluating supplier and subcontractor proposals
- Ensuring compliance with tender documents and risk assessments



QUALITY ASSURANCE AND COMPLIANCE

- Overview of QA/QC standards in MEP construction
- Understanding ITPs, site observations, and compliance processes



MATERIALS AND LOGISTICS MANAGEMENT

- Learning about procurement processes, staging, and materials tracking



MODULAR DESIGN AND INNOVATION

- Understanding modular construction advantages and design principles



REFLECTION AND FINAL REPORT

- Reviewing key learnings from the rotations
- Preparing and presenting findings to senior management
- Personal Effectiveness Wrap-Up: Presentation and Reflection

Commitment to Talent Development

At ALEC, we recognize that nurturing young Emirati talent is key to shaping the future of UAE's engineering and construction sector. Elevate is not just about skill development—it's about empowering the next generation of industry leaders.



STRENGTHENING THE LOCAL WORKFORCE

Elevate aligns with ALEC's commitment to Emiratization, ensuring young Emiratis develop industry-relevant skills and gain meaningful career opportunities.



INVESTING IN FUTURE TALENT

- Equips students with the technical and professional skills required to transition into full-time roles.
- Provides ALEC with a strong future of trained engineers who understand our culture and operations.



ENHANCING ALEC'S INDUSTRY LEADERSHIP

- Reinforces ALEC's position as a leader in the engineering and construction industry.
- Demonstrates our long-term commitment to innovation, talent development, and excellence.



COMMITMENT TO CORPORATE SOCIAL RESPONSIBILITY

- Empowers young Emiratis with the skills and confidence to thrive in their careers.
- Supports the development goals of the local workforce through structured, high-impact training.



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At ALEC, we are not just building projects—we are building people.

Elevate reflects our unwavering commitment to developing a skilled, confident, and future-ready Emirati workforce.

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