

INTERNSHIP PROGRAM

FIRE PROTECTION ENGINEERING



Providing specialized learning opportunities to help students gain valuable skills and knowledge.

Are you looking to jump-start your career with real-world experience? At Cushing Terrell, we offer an internship program with tremendous opportunities to further your understanding of the architecture, engineering, and design industry. The program will immerse you in day-to-day work, learning alongside design professionals and working on real projects. Experience the full integration and coordination of a multidisciplinary design firm and be mentored by team members who are passionate about delivering imaginative, responsible, first-of-their-kind environments.



My internship has been an incredibly rewarding experience. I've enjoyed being part of a supportive and collaborative team while gaining valuable exposure to real world projects. Through hands on involvement in system design, hydraulic calculations, and code-based decision-making, I've strengthened both my technical skills and my appreciation for the engineering profession.



Isaac Edwards
Fire Protection Intern

What to Expect as a Fire Protection Engineering Intern

- A fun and creative work environment
- Real-world sprinkler and alarm design experience
- Mentorship to guide you as you tackle day-to-day challenges
- Work under the guidance of licensed fire protection engineers (FPEs)
- Work alongside and learn from professionals in a variety of disciplines
- Develop a base foundation of engineering principles and code requirements that build on your college experience
- Exposure to fire protection system design (sprinklers, alarms, smoke control, suppression systems)
- Assisting with fire risk assessments and hazard analyses
- Reviewing building codes and standards (NFPA, IBC, local regulations)
- Participating in site visits and inspections to observe system installations
- Reviewing construction drawings and specifications for compliance
- Gain hands-on experience with engineering calculations (hydraulic analysis, smoke controls)
- Gain exposure to the variety of project types we complete at Cushing Terrell with access to the teams who complete them
- Introduction to the business side of the A/E industry
- A memorable experience that will equip you with tools for setting and reaching your career goals

**Cushing
Terrell®**

cushingterrell.com



The Cushing Terrell Experience

Efficiency and sustainability drive the mechanical systems we design. With expert collaboration and communication, our mechanical engineering team optimizes solutions for performance and cost. From designing large, central plants to meeting local facility requirements, we leverage a deep knowledge base to ensure enduring, high-performing systems at any scale. Supporting facility planning, operations and maintenance needs, and long-term master planning, our mechanical team develops innovative designs that contribute to comfortable, highly functional spaces.

By integrating architecture, engineering, urban planning, landscape architecture, interior design, and more, we approach the design of the built environment with a holistic mindset and a goal of contributing to sustainable systems and spaces that help people live their best lives. Our broad range of specialized service offerings, project locations, and a love for exploration, research, and discovery make each day an adventure.

Learn more about our fire protection engineering work:
cushingterrell.com/services/fire-protection



DESIGN THE PLACES YOU WANT TO
experience.

Join Our Team

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