

NEx Technical Director

Responsibilities of the Technical Director Include:

- Serve as a technical resource to the Center's Executive Director and select governance committees.
- Provide a resource for ACI technical committees with questions regarding document development procedures.
- Produce or direct the development of special engineering or educational products.
- Assist the Executive Director in developing proposals and requests for proposals for Center supported projects.
- Manage and provide support to Center's funded projects outsourced to consultants, academic institutions, or other entities.
- Review Center's technical documents and provide input on the production and marketing of those products.
- Generate new business opportunities and/or sale of Center's memberships.
- Serve as technical liaison with assigned committees, sponsoring agencies, and Industry liaison to codes and standards groups.
- Represent the Center at conventions, conferences, trade shows, and other industry events; represent Center's interests with other assigned organizations.
- Provide support to the Center's marketing activities.

Position Requirements:

- Master's Degree in Civil Engineering or related field.
- PhD in Civil Engineering or Materials with major emphasis in structures or construction materials desirable.
- Professional Engineer (P.E.) license desirable.
- 5 years of structural design, engineering materials design, construction, or academia experience desirable.
- Project Management in a consulting or academic environment.
- Familiarity with building codes and ASTM international standards.
- Exposure to Industry associations or technical societies.
- Working knowledge of construction practices and construction materials with specific knowledge of construction-related non-metallic highly desirable.
- Proficiency in engineering mathematics and dimensional analysis.
- Will be required to attend conventions, trade shows, off-site meetings, industry conferences, training events, or other business-related events which could involve multi-day or multi-week overnight domestic and international travel.

The NEx Technical Director will be required to work from ACI's headquarters located in Farmington Hills, Michigan.

Desired Attributes:

- Capacity to read, analyze, and interpret general business documents and procedure manuals.
- Desire and drive to make an impact on the Center of Excellence.
- Exceptional organizational skills with the ability to prioritize, handle multiple tasks, and meet deadlines.
- Ability to define problems, collect information, establish facts, and draw valid conclusions that positively impact NEx.
- Strong oral and written communication skills with the ability to speak effectively about complex matters before a wide variety of individuals or groups, either internally or externally.
- Excellent interpersonal and listening skills with the ability to work towards a common goal within cross-functional teams.
- Ability to work with minimal direction and take on new assignments/projects with little supervision.
- Capable of exercising independent judgement and discretion to make decisions that impact group operations.
- Ability to uphold a high standard of conduct and ethics.
- Capable of maintaining discretion when working with confidential information.
- Able to prioritize, handle multiple tasks, and meet deadlines.
- Flexibility and willingness to take on new projects and tasks.