

Assistant Professor of Civil Engineering

Job no: 492599

Work type: Full-Time

Location: Administration – Orangeburg, SC

Categories: Staff

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The Engineering Department within the College of Science, Technology, Mathematics, Engineering, and Transportation (CSTEMT) at South Carolina State University invites applications for a 9-month, full-time, tenure-track faculty position in the recently established Bachelor of Science program in Civil Engineering with a concentration in **Fire Protection Engineering**. The position is anticipated to be filled at the Assistant Professor level, although outstanding candidates at higher levels are encouraged to apply.

Duties and Responsibilities:

The applicant should possess a strong background in Fire Protection Engineering. The faculty member appointed to this position will be responsible for teaching a comprehensive range of core undergraduate courses in Fire Protection Engineering. These courses may include:

- Life Safety Analysis (Introduction and Advanced), Fire Protection Fluid Mechanics, Smoke Management and Fire Alarm Systems, Water-Based Fire Protection System Design, Structural Fire Protection, Advanced Fire Suppression, Fire Dynamics, Fire-Informed Performance-Based Design, Fire Assessment Methods Lab and Proposal, as well as Fire Assessment Methods and Capstone.
- Furthermore, the applicant will contribute to the development of laboratories for this new concentration within the civil engineering curriculum.
- Additionally, the applicant may be required to assist the engineering department in offering basic engineering courses including but not limited to statics, land surveying, strength of materials, CAD drawing, and engineering ethics.
- Effective teaching, scholarly activities, and service to the University are required for retention, promotion, and tenure.

Minimum Requirements for Entry into Position:

Applicants must hold a master's degree in Fire Protection Engineering or a closely related discipline and significant professional experience. Dedication to excellence in undergraduate teaching, a commitment to service, and evidence of scholarly achievements are essential requirements.

Preferred Requirements for Entry into Position:

Having a Ph.D. degree, academic or practical experience, familiarity with ABET Requirements for accreditation, and Registration as a Professional Engineer (PE in Fire Protection) or ability to obtain within a reasonable timeframe are desirable.

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Staff (1)

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Classification: Unclassified **Tenure Track:** No **Salary:** Commensurate with Experience **Location:** M

Advertised: 14 Dec 2023 Eastern Standard Time

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