

Adjunct Teaching Position – Civil Engineering – Structural Design

King's College, Wilkes-Barre, PA

King's College is looking for a qualified candidate to teach senior level Structural Design and Analysis I during the Fall 2022 semester. We are looking for a degreed civil engineer, with a strong background in structural design and possessing industry experience. Preference will be given towards candidates with PE licensure and prior teaching experience.

CE 400/L Structural Design and Analysis I with Lab (4 credits): This course focuses on the design and analysis of civil engineering structures. Structural analysis includes the forces, shear and bending moments of beams, deflection and stability of structures consisting of statically determinant beams, trusses and frames. Emphasis is placed on structural steel design and the AISC Steel Construction Manual and standards. Other topics include loads and load paths of structures, and analysis of statistically indeterminate structures. Prerequisites include Statics, Dynamics and Linear Algebra.

The instructor for CE 400/L Structural Design and Analysis I w/ Lab will need to provide instruction on major structural concepts, have the ability to teach students how to use the steel manual (minimum of beam and column design), and teach SAP 2000 as part of the lab.

For information about the Civil Engineering program at King's, please visit:

https://www.kings.edu/academics/undergraduate_majors/engineering/civil-engineering. For working professionals interested in this position, King's will allow for flexibility in scheduling the course and lab.

Send one *.pdf file containing a letter of application, resume, statement of teaching philosophy, undergraduate and graduate transcripts (unofficial is acceptable), and a list of three references to paullamore@kings.edu. For applicants with prior teaching experience, please provide syllabi for the courses you have taught in the past. Complete applications must be received by July 1, 2022. Only complete applications will be reviewed.