

Construction Engineering

The educational objectives of the Construction Engineering program at North Carolina State University are to prepare its graduates to:

1. Function successfully in careers emphasizing the application of construction engineering and management principles with the ability to solve a broad set of engineering problems in construction.
2. Practice construction engineering including the design and management of the construction process to achieve needed safety, quality, durability, sustainability, schedule, and economic objectives for various stakeholders.
3. Function in team-oriented, multi-disciplinary, open-ended engineering activities considering the societal and economic impacts of construction, and the professional and ethical responsibilities of the construction engineer.
4. Engage in life-long learning through graduate study, self-study, or continuing education; pursue licensure; provide mentoring to those under their supervision and influence; and provide leadership in their employment organizations, industry associations, and professional societies.