

STRUCTURAL DESIGN AND CONSTRUCTION ENGINEERING TECHNOLOGY, B.S.

Begin Campus: Any Penn State Campus

End Campus: Harrisburg

Career Paths

The SDCET program is designed to prepare students for careers in the highly specialized construction industry. It allows for flexible scheduling, enabling students to focus their specialization in either construction or design. Study through these options could lead to opportunities as structural designers for bridges, buildings, or other projects or as project managers for commercial construction projects. Career options may also be available in government for state and federal highway projects and with construction firms in the specialty areas of scheduling, estimating, and cost control. Finally, opportunities may exist for graduates to pursue opportunities as designers, owners, or contractor representatives.

Careers

The U.S. Bureau of Labor Statistics expects excellent employment opportunities in the construction industry for the coming years. Penn State Harrisburg graduates in Structural Design and Construction Engineering Technology have had impressive job placements in the last eight years.

MORE INFORMATION ABOUT POTENTIAL CAREER OPTIONS FOR GRADUATES OF THE STRUCTURAL DESIGN AND CONSTRUCTION ENGINEERING TECHNOLOGY PROGRAM (<https://harrisburg.psu.edu/science-engineering-technology/structural-design-construction-engineering-technology-bs/>)

Professional Resources

- American Concrete Institute (<https://www.concrete.org/students.aspx>)
- American Institute of Constructors (<https://aic-builds.org/>)
- American Institute of Steel Constructors (<https://www.aisc.org/>)
- American Society of Civil Engineers (<https://www.asce.org/membership/join/>)