Structural Engineer – Co-Op – Truman P. Young & Associates (Fall 2026, Spring/Summer 2027)

ThermalTech Engineering is a full-service engineering firm. We provide consulting services to Fortune 100 and 500 companies throughout the United States. Our team of over 150 members is growing! We are looking for co-op students interested in engineering design & analysis for a variety of clients.

The perks of being a ThermalTech Engineering Co-Op:

- You will be paired with an experienced engineer and have access to talented, licensed Professional Engineers. Our engineers are great teachers.
- You will apply what you have learned in school to real-world problems.
- Upon returning to school, you will have a greater appreciation and application of engineering. Our co-op students occasionally tailor their coursework based on their experience at ThermalTech.
- You will be challenged. Our co-op students are assigned to projects on their first day. We rely on our co-ops to execute projects.

Applicable Interests:

- Strong academic performance in an ABET-accredited Civil Engineering program with an emphasis in Structural Engineering (a minimum of 3.0 is required for consideration).
- Experience/coursework and interest in Structural design & analysis of steel, concrete, and masonry structures such as frames, columns, bridges, platforms, retaining walls, and buildings in multiple industries.
- Interest in developing engineering drawings and hands-on fieldwork.

Throughout your assignment, you'll have the opportunity to learn the following skills:

- Assess and document existing structures and buildings.
- Assist in the analysis and design of complex steel frames, concrete foundations, and other structural elements of buildings.
- Prepare construction cost estimates.
- Prepare design drawings and details using 2-D and 3-D CAD software.
- Prepare and edit technical specifications.
- Perform field inspections and assist with construction administration.
- Investigate and interpret building codes.
- Complete analysis through hand calcs and/or finite element analysis software.
- Provide Structural Engineering support on wider mechanical, electrical, and automation projects.

If you enjoy gaining on-the-job experience in a collaborative environment, then ThermalTech Engineering might be the perfect fit for you!