The Philosophy of the CEE Curriculum

**Infrastructure Track**

- Understanding the fundamentals of transportation is key in designing more efficient transportation systems.
- The infrastructure on which we rely for our buildings, roads, bridges, and pipelines are necessary to understand processes like corrosion and weathering of concrete and steel. Chemical reactions in the water and air play important roles in determining where our next traffic and development projects should be.

**Transportation & Project Management Track**

- Learning how other modes of transportation, including rail, road, and water, are designed and allocated resources to competing activities.
- Project costs must be commensurate with benefits.

**Environmental & Water Resources Track**

- An introduction to the principles of water resources management, the fundamentals of project control.
- The history, current state, and future of the Civil and Environmental Engineering profession.
- The opportunity for electives enables CEEs to achieve both depth and breadth in their education.

6 CORE courses in the Humanities & Arts, Social Sciences, and History

- 21st century engineers must be able to work in a global environment. Communication skills are vital. An understanding of different cultures is necessary to be effective.

ENGL 393 or 394

- Today’s engineers need broad knowledge to solve society’s problems.
- The opportunity for electives enables CEEs to achieve both depth and breadth in their education.