

CEEatGT

Global Engineering Leadership

The Netherlands

Summer 2017 Study Abroad

COURSE

SUSTAINABLE TRANSPORTATION ABROAD

CEE 4803E – In this course, we will learn about the planning, design, and operations of transportation systems in countries abroad that are known for a sustainable multimodal approach to transportation. This course is a study abroad course tied to the Global Engineering Leadership Minor administered in Civil and Environmental Engineering. The leadership competencies this course will focus on include cultural awareness / global competency, informal mentoring, and feedback.

This trip will focus on the Netherlands, a country where substantial efforts have been made to encourage cycling and transit usage by residents of all ages and cycling levels of comfort. The Dutch consider cycling more sustainable because of the reduction in space required, low emissions and noise, and health impacts. Dutch infrastructure provides good examples of protected bicycle infrastructure, traffic calming, transit network design, and transit and bicycle integration. *More info: ce.gatech.edu/leadership*



DATES

COURSE

First Short Summer 2017 semester.

TRAVEL TO THE NETHERLANDS

June 2 – 17, 2017.

APPLICATIONS are due February 1, 2017.

If interested, email kari.watkins@ce.gatech.edu with the subject line "Dutch Transport."

PROFESSOR



KARI E. WATKINS, PHD, PE

REQUIREMENTS

Course is open to all College of Engineering undergraduates. Students should submit [1] a transcript (unofficial transcript is OK), [2] CV, [3] name of one professor reference, and [4] 150-word statement of interest explaining why you want to take this course. Space is limited to 12 students. Applications reviewed on a competitive basis. Criteria include maturity and ability to interact in international setting, GPA, and prior transportation design and planning experience.

Note that you must be able to ride a bicycle 15 miles per day to take this course. Each site visit will include 10–20 miles of bike riding. The pace will be leisurely, but the miles will add up over multiple days. To request disability accommodations for this course, please contact the Office of Disability Services (disabilityservices.gatech.edu).

Financial aid is available!