



Georgia Tech

Center for Sustainable Communities  
Research and Education

## Engineering with Purpose: Community Engagement and Emerging Technologies

### Course Description:

ECE 2903: Engineering with Purpose is a brand new, must-take course that empowers students to:

- balance technical careers with social responsibility;
- become agents of change;
- engage with dynamic community partners.

Course content includes:

- field experiences and community guests;
- exploration of past and current engineering mindsets;
- purpose and value of community engagement and social responsibility;
- tools to engage communities as collaborators;
- social justice and equity in problem-solving and solution identification.

### Course Instructors:

#### Ruthie Yow



- PhD, Associate Director, Center for Sustainable Communities Research & Education (SCoRE)
- Ruthie's areas of expertise:
  - racial equity
  - community partnerships
  - social innovation

#### Bettina Arkhurst



- PhD Candidate, Mechanical Engineering
- Bettina's areas of expertise:
  - equity in engineering design
  - clean and renewable energy
  - energy justice

### What:

- a 3-credit special problems course that GT undergraduates helped develop
- elective credit
- no pre-requisites
- open to all majors and years

### When:

- Tues/Thurs, 3:30-4:45
- In person on Tuesday, online on Thursdays

### Where:

- In person meetings at the Economic Development Building, 760 Spring St NW, Rm 104

### How:

- Register using this link: <https://t.ly/Q5JC8>
- Or this QR Code:



**Register Today!**