# Proposed I-Team Plan – Spring/Summer 2022

## I-Team Objective

To redesign CEE courses according to the I-standards, a suite of teaching practices supporting neurodivergent students and all learners.

## Faculty Mentor **Ross Bagtzoglou, INCLUDE co-PI**

I-Team Coordinator: Tarique Md Hasan Khan, Post-doctoral research associate

## Participants and Relevant I-courses

|  |  |  |
| --- | --- | --- |
| Monika Filipovska | CE 2251 | Probability and Statistics |
| Kay Wille | CE 3640 | Design of Concrete Structures |
| Mousumi Roy | CE 3220 | Construction Management I |
| Tim Vadas | ENVE 2310 | Environmental Engineering Fundamentals |
| Guiling Wang | ENVE 4810 | Engineering Hydrology |
| Rich Christenson | CE 4900W | Senior Design |

## Meeting schedule and format

### Spring 2022

75-minute long bi-weekly workshops (Wednesdays 11-12.15) – Castleman 306

Proposed Schedule

|  |  |  |
| --- | --- | --- |
| **Date** | **Topic** | **Presenter** |
| 02/23 | I-Team Kickoff Meeting Part I: Orientation to I-team and I-standards, Basic Intro to Neurodiversity | Ross  Guest student: Caressa Wakeman |
| 03/23 11-12.15 | I-Team Kickoff Meeting Part II: Faculty Panel – 2020/21 I-Team Cohort – Experiences, highlights, Q & A | Shinae Jang, Sarira Motaref |
| 04/06 | Strength-based approach | Rachael Gabriel, NEAG |
| **Monday 04/18**  **CAST 210** | Discussion with UNIV 1810 - Neurodiversity in Engineering students | N/A |
| 04/20 | Creating Accessible Content | Karen Skudlarek (CETL) |
| 05/11 | Course design principles for inclusive teaching | Tim Stubbs, CETL |
| 05/18 | Universal Design for Learning | Erin Scanlon (Physics) |
| 06/01 | Active Learning strategies | Sarira Motaref |
| 06/15 | Inclusive Teaching Practices | Tina Huey, CETL |
| 06/29 (to be moved) | Team Discussion and Summer Planning | N/A |
| 08/24 | Team Review – Semester Kickoff | N/A |

## July-August: I-team members pair up in groups of two for peer feedback and discussion, with meetings arranged as needed (more details to be discussed in June)

## Resources

<https://neurodiversity.engr.uconn.edu/>

Navigate to INCLUDE Project – For Faculty for all workshop materials

Deliverables (August 2022)

1. Course syllabus featuring

* Inclusion statement
* Course schedule, including description of updating process
* Description of class materials
* Description/links to accessible technologies
* Course assessments with variability/choice
* Communication information for instructor and TAs

1. Situational Factors Template
2. Course Design Plan Completed Including Step 3
3. Inclusive Teaching Inventory and 1-2 page plan to implement starred practices
4. Reflection on I-team process and teaching philosophy

Additional Voluntary Deliverables after course delivery

* Examples of active learning exercises
* Examples of alternative assessments