

Collaboration & Teamwork in STEM Education



WPI

STEM
Education
Center

Target Audience: PK-16 educators, student-teachers

Course Description:

In this online synchronous course students will review several theories related to teamwork and collaboration and the translation of these theories into successful practices in STEM education classes and the school as a workplace. Theories and strategies for improving team dynamics will be introduced, and participants will learn what factors are shown to lead to greater innovation and creativity on teams. We will also discuss implicit bias and stereotyping on teams, and how to prevent and minimize their negative impacts on participants. Multiple strategies for team formation in the classroom will be discussed, and we will explore how to teach students teamwork skills during project-based classes. The course will include an opportunity to apply some of the theories and strategies for effective and equitable teamwork in the classroom and to reflect on the utility of different approaches.

This course awards:

► **PDP Certificate, 24 PDP's** – awarded upon completion of the 4-day course and submission of coursework

OR

► **Graduate Credit, 3 graduate credits** (in lieu of PDPs)– awarded upon completion of the 7 follow up sessions & submission of course assignments

Course Information:

PDP only Option	Graduate Credit Extension*
<ul style="list-style-type: none">• Dates: July 27-30, 2026• Time: 8:45 am – 3:30 pm ET• Format: Fully online via Zoom (<i>collaborative & interactive</i>)• Final Project: None• Registration Fee: \$850• PDPs: 24	<ul style="list-style-type: none">• Dates: Tuesdays, Oct. 20 – Dec. 8; total of 7 additional sessions.• Time: 6:00-8:30 pm ET• Format: Fully online via Zoom (<i>collaborative & interactive</i>)• Final Project: Required and graded• Registration Fee: \$665 (<i>includes a \$15 student fee</i>)• Graduate Credits: 3 <p><i>Important: Participants taking the course for graduate credit must complete the 4-day course in August in addition to the requirements above. Therefore, the total cost for the 3-credit graduate course is (\$850 + \$665) \$1515.</i></p> <p>* This course counts as an elective course for the MS in Integrated STEM Education (MISE).</p>

Format, daily schedule & breaks:

The virtual PD will be conducted via Zoom and is designed to be collaborative and interactive.

- **Summer:** Morning sessions will run from **~8:45-12:15**; Afternoon sessions will run from **~1:00-3:30**. Each session will have at least one 10 min break; a 45-min lunch break is scheduled daily. We encourage participants to walk away from the computer during lunch break.
- **Extension:** Evening sessions run from 6:00-8:30. During this time participants will share what they have tried in their classrooms and reflect on the experience.

Visit our [website](#) to **REGISTER**.

For questions, contact Mia Dubosarsky at mdubosarsky@wpi.edu