

## STEM Educator Certificate Course

- **Target Audience:** PK-12 educators and administrators
- **Dates:** July 25 – 29, 2022 AND two follow-up half-day sessions, Sat. Oct 8 & Nov 12, 2022
- **Time:** 9 am – 3:30 pm ET  
(including short breaks + 45 min lunch)
- **Format:** Fully online via Zoom
- **Registration Fees (2 options):**
  - Graduate Credit = \$1500 (\$860 paid now and \$640 + \$15 fee paid in Fall) **OR**
  - PDPs/CEUs only = \$860  
(Note: Worcester Public School Educators receive a 50% discount on this option only)
- **PDPs/CEUs:** 55/5.5
- **Graduate Credit extension:** This course may be taken as a **3-graduate credit** course from WPI. As part of WPI's commitment to supporting full time PK-12 educators, the course is offered at a rate of \$500 per credit (total of \$1,500), which represents a 50% discount of the regular WPI tuition rate.

### This course awards:

- ▶ **PDP Certificate (55 PDPs)** – awarded upon completion of the course and submission of a STEM Challenge (including a teacher guide, student instructions, and a rubric)
- ▶ **STEM Certificate** – awarded once your project meets the rubric for high quality STEM Challenges
- ▶ **Graduate Credits (3 credits, in lieu of PDPs)** – awarded upon completion of the course, submission of a STEM Challenge and submission of a research paper

**Description:** The STEM Educator Certificate Course guides educators on a journey to design a high quality integrated STEM Challenge that aligns with standards/objectives for their classroom or program. The course engages participants in the following topics: the engineering design process, standard-alignment, technology integration, diversity & equity in STEM, real world connection, building collaboration skills, as well as exploring numerous STEM resources. The course is led by experienced STEM educators who model cooperative learning and STEM pedagogy.



If you are a PK-12 educator looking to develop/update an integrated STEM lesson or looking to help others do so, this is the course for you! Classroom teachers of all subject areas, coaches, administrators and out of school time educators are all encouraged to register.

**Graduate-credit requirement:** In addition to the PDP level tasks, educators who sign up for the 3 graduate-credit extension will submit a research paper related to one of the topics addressed in the course (literature and guidance will be offered by the instructors).

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

For questions, contact Donna Taylor at [dltaylor@wpi.edu](mailto:dltaylor@wpi.edu)