

# STEM<sup>PD</sup> Online:

A Professional Development  
Experience for Classroom Teachers and School Leaders

## Learning is Engagement

Providing Teachers with STEM Strategies that Engage  
and Inspire

### Actionable

Become a Quality  
STEM Educator Today

### Access

Inspire the Next Generation  
of STEM Professionals

### Continuing Education

Earn Graduate Credit  
or Contact Hours

## Delivering on the Promise of STEM Education for All Students!

“Despite a national focus on directing more students toward science, technology, engineering and mathematics fields – particularly women and minorities – the STEM workforce is no more diverse now than in 2001” ([Bidwell, A, 2015](#)). Luma worked with its partner, the Montgomery County Educational Service Center in Dayton, Ohio to help classroom teachers and school leaders across the nation provide high quality STEM education for all students.

## Based on a Nationally Validated STEM Education Framework

Developed by Dr. James Rowley the course is anchored to the *STEM Education Quality Framework* he developed for the *Dayton Regional STEM Center*. The framework is used widely throughout the United States to guide STEM Education initiatives.

## How to Design and Deliver Engaging STEM Learning Experiences

Online and self-paced, the course is designed to help teachers employ an array of research-based strategies to engage and inspire all students and to help school leaders develop a clearer vision of high-quality STEM Education.

## High Quality On-line Learning Experience

Contains ten high-quality, media-rich and interactive modules that provide access to powerful resources for building rigorous and relevant STEM lessons that inspire student success.

## Earn Graduate Credit or Professional Development Hours

Select reflective writing assignments of personal interest for the opportunity to purchase 1, 2, or 3 graduate credit hours from the University of Dayton. Or, you may receive a certificate for 15, 30, or 45 professional development hours from the Montgomery County Educational Service Center of Ohio.

**Get Started Today Building Your Confidence and Competence  
as a STEM Educator or Leader.**

To Begin Your STEM<sup>PD</sup> Adventure Go To:

**<http://enuggetlearning.com/STEMPD>**