

AENG 586

PROBLEM-BASED LEARNING (PBL) ACROSS THE CURRICULUM

DR. MOLLY MILLER & DR. SCOTT WARNER

Help your students develop skills for living in a knowledge-based, highly technological society.

JULY 20-24, 2026

8:00 AM - 4:30 PM

In today's standardized education system, engaging students in meaningful learning can feel challenging. Problem-based learning (PBL) offers a way to meet Pennsylvania Core Standards while supporting a constructivist approach. This institute will show teachers how to use PBL as a key instructional tool. Over the course of a week, participants will collaborate through hands-on activities, tackle real-world problems, and build their creativity and critical-thinking skills.

Guest Speakers

What Does Gold Standard PBL Look Like?

Karen Rubenstein, Head of School,
Montessori Academy of Lancaster

Strategies for Assessing PBL Activities

Korbin Shearer, Teacher, York Suburban S.D.

Managing a PBL Experience

Garreth Heidt, Teacher, Perkiomen Valley S.D.

Leading a PBL Implementation Effort

Dr. Erik Orndorff, Superintendent, Pequea Valley S.D.

Instructional Team

Molly S. Miller, Ed.D, DTE Professor,
AETB Department, Millersville University

Molly speaks nationally on technology and engineering teaching and learning. Molly is involved in a number of student organizations including leadership of the Pennsylvania Technology Student Association. She also is the President Elect of the International Technology and Engineering Educators Association, and a Past President of the Technology and Engineering Educators of Pennsylvania.

Scott A. Warner, Ed.D, DTE Professor,
AEST Graduate Program Coordinator,
Millersville University

Scott has taught at the middle school, high school and university levels. He is a member of several organizations that deal with education and design including the International Technology and Engineering Educators Association and the Technology and Engineering Educators of Pennsylvania.



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