



AENG 586



PROBLEM-BASED LEARNING (PBL) ACROSS THE CURRICULUM

JULY 14 - 18, 2025

8:00 AM - 4:30 PM

DR. MOLLY MILLER & DR. SCOTT WARNER

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

In a standard education system, engaging students in meaningful learning can be challenging. Problem-based learning (PBL) is one effective strategy teachers can use to align with educational standards and goals.

This course offers PBL experiences tailored to your content and grade level for incorporation into your curriculum. Participants will spend a week engaging in hands-on activities to solve real-world problems using creativity and critical thinking. All educators can learn to effectively implement PBL as a key teaching strategy.

- Private, public, and administrative education speakers
- On-site visits of PBL learning environments
- Come away with personalized PBL curriculum ready to be used in your classroom
- Networking and cross curricular collaboration opportunities

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 School District

Managing a PBL Experience

Garreth Heidt, Teacher, Perkiomen Valley School District

Leading a PBL Implementation Effort

Dr. Erik Orndorff, Superintendent, Pequea Valley School District

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.

