

QEP Executive Summary

“#Gearing Up for Problem Solving”

Germanna Community College
Yanyan Yong, Ph. D.
Dean of Academic Technology and Learning Support
10000 Germanna Point Drive
Fredericksburg, VA 22408
(540) 891-3084

The goal of Germanna Community College’s Quality Enhancement Plan, “#Gearing Up for Problem Solving,” is to equip our students with problem-solving skills relevant to their lives as students, employees, and citizens. The focus of the QEP is “Problem Solving Across Contexts.” Students will develop an interdisciplinary problem-solving skill set that promotes reflection, self-regulation, and success across varied curricular, co-curricular, and workplace contexts.

The QEP has two main goals:

1. Student Use of Problem Solving: Students will demonstrate effective use of problem-solving methods.
2. A Culture of Problem Solving: Faculty and staff will create a culture that nurtures students’ development of problem-solving skills in classroom and in co-curricular experiences.

In order for to achieve these goals, Germanna faculty will deliver selected courses in a Problem Based Learning (PBL) format. Faculty will engage in professional development on the use of PBL methods. The implementation will take in two phases:

Phase One: Initial Growth of PBL Infusion (AY 2018-2019)

- Course-embedded PBL assignments: Collect student artifacts via the Learning Management System. Assignments, create grading rubric in Blackboard, and also score using the AAC&U VALUE Rubric on problem solving, brainstorm improvements based on results and implement those improvements.
- CCTST-N administered to a sample of students graduating with Associates degrees Fall and Spring semester.
- Faculty PBL professional development event

Phase Two: Expansion of PBL Infusion (2019-2023)

- Administer CCSSE (Spring 2020, 2022)
- Full-time faculty APPDO count
- brainstorm improvements based on results and implement those improvement(2021)
- CTL Coordinator collects and analyzes a random sample of course-embedded assignments to ensure Problem Based Learning and test validity of the direct assessment procedures (2021-2023)

The college administration has approved a budget that will provide the resources to successfully implement the plan The QEP Coordinator will lead a QEP Implementation Committee to review the progress of the implementation and to provide recommendations and select priorities.