SOLVING THE PUZZLE
Metacognition and Student Success

Henderson Community College Quality Enhancement Plan 2022

Executive Summary

Henderson Community College's (HCC) **Solving the Puzzle: Metacognition and Student Success** seeks to improve its culture of learning through metacognition. The QEP topic was selected following institution-wide discussion and planning on student learning and how the college could improve in that area.

While definitions for metacognition vary, HCC relies on Flavell's (1987) conceptualization which breaks metacognition into three subcategories which can be influenced: 1) self, 2) task, and 3) strategy. Embracing this definition, HCC's instructional implementation of the Flavell's concepts should improve student success and completion rates.

HCC utilizes a campus-wide effort to expose students to metacognitive instructional strategies throughout their educational experience. Throughout the QEP process, all faculty and staff will be provided regular professional development training on metacognition and its applications. Additionally, instructional cohorts will go through a semester-long training prior to the implementation of formal metacognition strategies within their classes. By academic year 2025, over 90% of students will be formally introduced to metacognitive instructional practices.

As noted, the QEP seeks to "improve the culture of learning through metacognition" which in turn should improve not only course completion rates but also the student's overall retention and graduation rates. Therefore, multiple levels of evaluation and assessment are utilized throughout the QEP. These include:

- Student growth on the metacognitive inventory assessment (MAI)
- Instructor growth on the metacognitive assessment inventory for teachers (MAI-T)
- Institutional growth on the Center for Community College Student Engagement in multiple learning domains
- Growth on internal rubric based on the Developing and Assessing Protocol (DAP)
- Increased use of metacognitive instructional practices

With this data compilation, HCC hopes to realize improvement with:

- A student's ability to evaluate their learning needs
- A student's ability to utilize variety of study strategies and resources
- A student's ability to integrate different idea and information in their work product

Co-Directors: Assistant Professor Adam Blair- adam.blair@kctcs.edu & (270) 831-9689
Dean Dr. Chad Phillips- chad.phillips@kctcs.edu & (270) 831-9614