

# The Math Connection

Lanier Tech's QEP Newsletter – Summer 2023

**LTC's QEP is a SUCCESS!**

## **A Message from LTC President, Mr. Tim McDonald**

As part of the last QEP Newsletter, it is my honor to reflect on our Math Multiplies Opportunities Quality Enhancement Plan (QEP). This has truly been a college-wide effort for many years including the QEP Topic Selection Team, the QEP Design Team, and the QEP Implementation Team. I encourage you to follow the link below to get a sense for how many LTC folks (past and present) contributed to wonderful outcomes of the plan. They are listed under "Leadership Teams."

[Quality Enhancement Plan \(QEP\) – Lanier Technical College](#)

As mentioned, many folks have invested time and effort in the QEP. However, I do want to recognize several people who have made significant contributions. Susan Baker, QEP Director, who worked on every phase and led the QEP Implementation. LTC's entire math department, where every faculty member engaged in data collection and analysis and new strategy development and implementation. Also, our Institutional Effectiveness Team of Vice President, Dr. Joanne Tolleson, Director, Brad Gadberry, and Coordinator, Betsy Turner.

While our focus was improving student achievement in math, the greater purpose of a QEP is to make a positive impact on the culture of the institution. Without a doubt, our QEP efforts have succeeded in this cultural change. While the data shows sustained student achievement, our math department continues to implement innovative strategies that make a greater impact on student success. Perhaps the most visible change in our culture is the transformation from limited tutoring opportunities prior to QEP, to highly staffed Student Success Centers on each campus offering in-person and virtual tutoring in math, writing, science, and business. For comparison, in AY2017 our Student Success Centers tracked 3,286 student engagements and, to date, in AY2023 we have experienced 9,573 student engagements. Additionally, to demonstrate our College's commitment to enhanced student achievement, Susan Baker's title will transition to Director of Academic Success. Congratulations to all who made our QEP a tremendous success and those who will continue the innovative changes that lead our continuous improvement efforts.



## What were our goals?

The goals of Lanier Technical College's Quality Enhancement Plan were to:

- 1) Improve student success in math learning support (developmental) courses.
- 2) Improve students' ability to apply mathematical skills in occupational courses.

Major strategies used to reach these goals were:

- 1) Redesign of instructional delivery for learning support courses.
- 2) Enhanced tutoring services.
- 3) Targeted professional development activities.

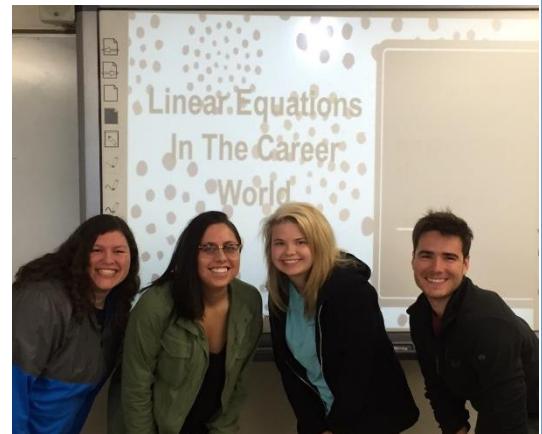


## What were the results?

1) Over the life of the plan, student learning outcomes assessment results improved by 14% for students in the diploma-level math learning support courses, and by 5% for the degree-level students. Assessment results for math-related student learning outcomes in the occupational programs improved by 10%. The student success rate in diploma-level math learning support was 100% at the end of the plan, and 82% for degree-level students, a 27% improvement over the baseline.

2) The QEP Team believes the increase in student participation in tutoring at Lanier Technical College was one of the most successful aspects of the plan. Lanier Technical Students value the tutoring services provide: in satisfaction surveys on tutoring services, 97.25% of students rated their tutoring sessions as "excellent" or "very good." Based on the positive impact of tutoring services in math, tutoring offerings were extended to other subjects, including writing, psychology, chemistry, physics, biology, economics, Microsoft Office, and use of the library. By AY2022 (the first full academic year following the COVID-19 pandemic), usage levels for the tutoring centers had increased by 139% over Year 1.

3) Providing targeted professional development for both instructors and tutors prior to the start of each term proved to have benefits beyond instruction in pedagogical techniques. Program coordination improved and the instructors and tutors consistently reported that they valued the opportunity to ask questions and share ideas.



## Where do we go from here?

Lanier Technical College wants its students to be successful; so, we continue to improve in every way we can. We offer Boot Camps, Workshop Wednesdays, and extended tutoring hours. We want to support our students and to help them achieve their dreams.



**LTC Student Success Center Online Summer Schedule** [tutoring.laniertech.edu](http://tutoring.laniertech.edu)

**College BOOT  
Algebra CAMP**

**August 7 – 10  
Hall Campus**



|            |  |                                     |
|------------|--|-------------------------------------|
| Biology    | Monday/Wednesday                       | 1:00pm – 5:00pm                     |
| Chemistry  | Monday/Wednesday                       | 1:00pm – 5:00pm                     |
|            | Tuesday/Thursday                       | 2:00pm – 6:00pm                     |
| Math       | Monday - Thursday                      | 9:00am – 11:00am                    |
|            |  | 6:00pm - 9:00pm                     |
| Physics    | Tuesday/Thursday                       | 2:00pm – 6:00pm                     |
| Statistics | Wednesday/Thursday                     | 6:00pm - 9:00pm                     |
|            | Thursday                               | 9:00am – 11:00am                    |
| Writing    | Monday - Thursday                      | 11:00am – 3:00pm<br>6:00pm – 9:00pm |
| Library    | Monday, Tuesday, Thursday<br>Wednesday | 8:00am – 4:30pm                     |
|            |  | 9:00am - 3:00pm                     |

Face to face appointments are also available.

<https://www.tutoring.laniertech.edu> or feel free to walk into any SSC.

For more information, contact Susan Baker, Director of Academic Success at:  
[sbaker2@laniertech.edu](mailto:sbaker2@laniertech.edu)

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If you need this document in an accessible format, contact: [ahaynes@laniertech.edu](mailto:ahaynes@laniertech.edu) or call (770) 533 – 7003.