

BOARD OF REGENTS
BRIEFING PAPER

Agenda Item Title: Tutoring Effectiveness on Student Success

Meeting Date: June 11-12, 2015

2. BACKGROUND & POLICY CONTEXT OF ISSUE:

TMCC's Tutoring and Learning Center (TLC) exists to support the institution in its mission to improve the quality of life for its students. The TLC provides free tutoring to TMCC students in several subject areas and writing across all disciplines. Students get three free hours of one-on-one appointments each week and an unlimited time in our drop-in labs, and they can participate in supplemental instruction groups as well as attend workshops on student success. Research shows that students who use tutoring complete courses at a higher rate, persist at a higher rate, and earn higher grades than those who do not use tutoring.

3. SPECIFIC ACTIONS BEING RECOMMENDED OR REQUESTED:

Informational item only.

4. IMPETUS (WHY NOW?):

With much of TMCC's funding tied directly to completion, this presentation will demonstrate how students who use tutoring are more successful than and complete classes at higher rates than their peers who do not use tutoring.

5. BULLET POINTS TO SUPPORT REQUEST/RECOMMENDATION:

This agenda request is timely with so much recent focus on and funding tied to student success in the areas of completion, persistence, and retention.

6. POTENTIAL ARGUMENTS AGAINST THE REQUEST/RECOMMENDATION:

N/A

7. ALTERNATIVE(S) TO WHAT IS BEING REQUESTED/RECOMMENDED:

N/A

8. COMPLIANCE WITH BOARD POLICY:

- Consistent With Current Board Policy: Title #____ Chapter #____ Section #____
- Amends Current Board Policy: Title #____ Chapter #____ Section #____
- Amends Current Procedures & Guidelines Manual: Chapter #____ Section #____

<input type="checkbox"/> Other: _____
<input type="checkbox"/> Fiscal Impact: Yes _____ No <u>X</u>
Explain: _____

Services to Support Students

Overview

i The Tutoring and Learning Center (TLC) at Truckee Meadows Community College provides free tutoring to TMCC students in many subject areas, including Biology, Chemistry, Economics, French, Math, Physics, Spanish, Writing, and more. We provide one-on-one tutoring, drop-in tutoring, and supplemental instruction. Students can also attend workshops in on a variety of helpful topics, use computers with Internet access, print papers for free, and rent graphing calculators.

Our Mission

TMCC's Tutoring and Learning Center exists to support the institution in its mission to improve the quality of life for its students. In this effort, the TLC staffs its inviting environment with well-trained tutors to help students become independent learners for academic success. Tutors are trained to create a positive learning experience, to clarify content, and to help students to attain higher academic achievement.

Services We Provide

One-on-One Appointments (2007 – present)

Students can get up to three hours of one-on-one help for nearly any class in which they are enrolled. There are course-specific tutors to clarify content as well as writing tutors to help with all phases of the writing process.

Drop-in Tutoring (2007 – present)

Students can drop in for help for an unlimited amount of time during the semester. There are tutors available to help with most levels of math and science as well as writing. The drop-in area is a great place to get one or two questions answered or to get homework done.

Supplemental Instruction (2007 – present)

Students enrolled in traditionally demanding or difficult courses can attend weekly group tutoring sessions that supplement the instructor's material. Tutors are former students who work with faculty to create regularly-scheduled, informal sessions in which students compare notes and study for tests.

Online and eTutoring (2015 – present)

Students can work with TMCC writing tutors online in two modalities: synchronously or asynchronously. In online appointments, both the student and tutor communicate in real-time while an eTutoring appointment will have the student will submit a paper to be reviewed.

Workshops (2007 – present)

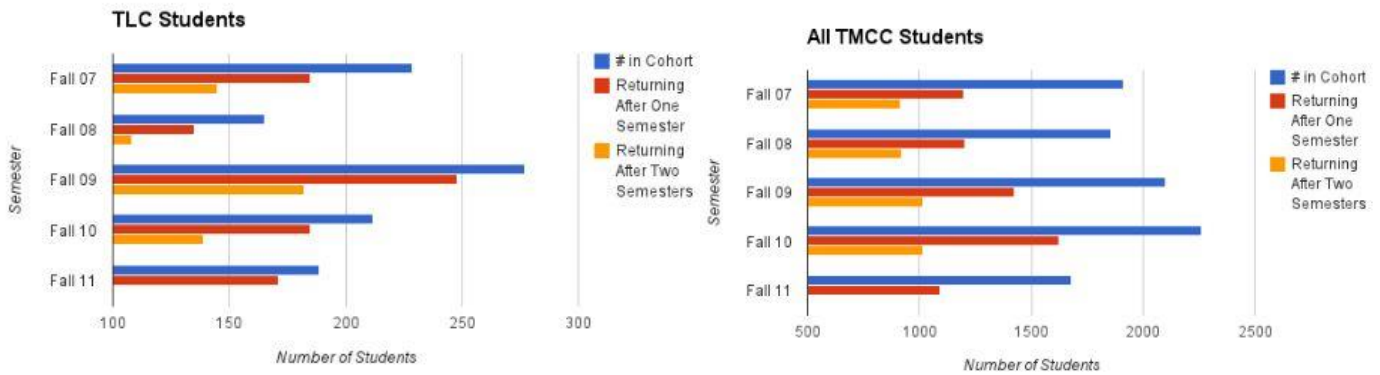
Students have been able to attend free workshops ranging from time management and stress reduction (2008 – 2010) to graphing calculator, essay formatting, and test anxiety (2010 – 2012), from computer skills and creating a math mind (2012 – 2013) to note taking and writing basics (2013 – present).

Student Learning Outcomes

Retention: TLC Students vs All TMCC Students



Persistence: TLC Students vs All TMCC Students



Average GPA: TLC Students vs All TMCC Students

Term	TLC Students	All TMCC Students
Fall 07	2.93	2.80
Spring 08	2.90	2.83
Fall 08	2.86	2.74
Spring 09	2.91	2.84
Fall 09	2.93	2.77
Spring 10	2.94	2.82
Fall 10	3.03	2.77
Spring 11	2.97	2.74
Fall 11	3.05	2.75
Spring 12	3.01	2.76



Students who use the TLC are **retained at a higher rate** at TMCC. Students who use the TLC **persist at TMCC at higher rate**. Students who use the TLC **averaged above a 3.0 GPA** in their classes for which they received tutoring, while students who did not use tutoring in those same classes averaged around a 2.76 GPA.

TMCC Tutoring & Learning Center (TLC) Completion, Persistence, Retention: How Students Benefit from TLC

Board of Regents Meeting June 2015 TMCC

Presentation will consist of select frames from this full presentation

Completion, Persistence, Retention: How Students Benefit from TLC

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Overcoming Getting

- Outreach ev
- Promotional
- Classroom v
- Instructor su
- Word of mou

Drop-In Tutoring

Drop-in tutoring is six days a week at the TLC

Completion, Persistence, Retention: How Students Benefit from TLC

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TLC Services

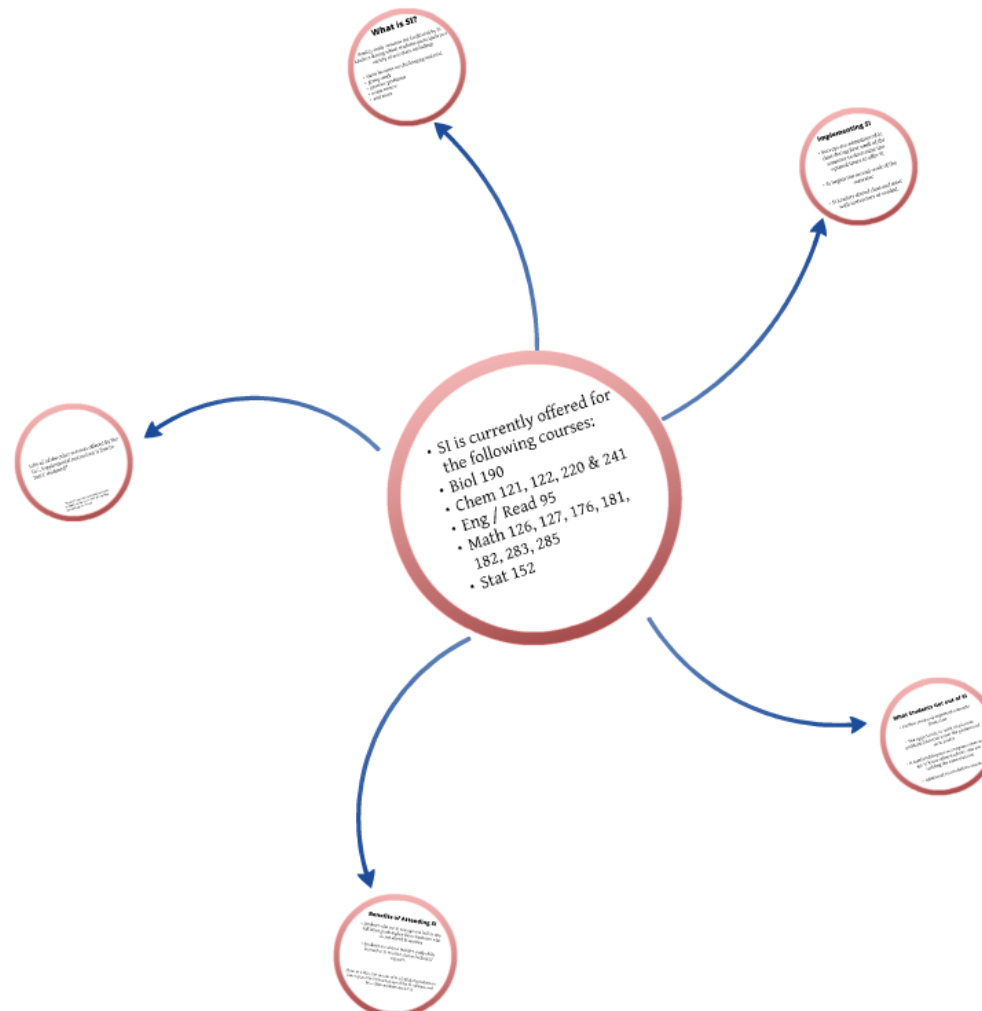
- One-on-One Appointments
- Supplemental Instruction
- Drop-in Tutoring
- Study Space, and More!

One-on-One Appointments

- Students get up to three hours of free tutoring per week in subject (content) and/or writing tutoring.
- Appointments can be either 30-minute or hour-long, depending on the student's preference.

Supplemental Instruction

The SI program consists of a series of guided review sessions for students taking particular courses



What is SI?

Weekly study sessions are facilitated by SI Leaders during which students participate in a variety of activities, including:

- short lectures on challenging material
- group work
- practice problems
- exam review
- and more

Implementing SI

- Surveys are administered in class during first week of the semester to determine the optimal times to offer SI
- SI begins the second week of the semester
- SI Leaders attend class and meet with instructors as needed.





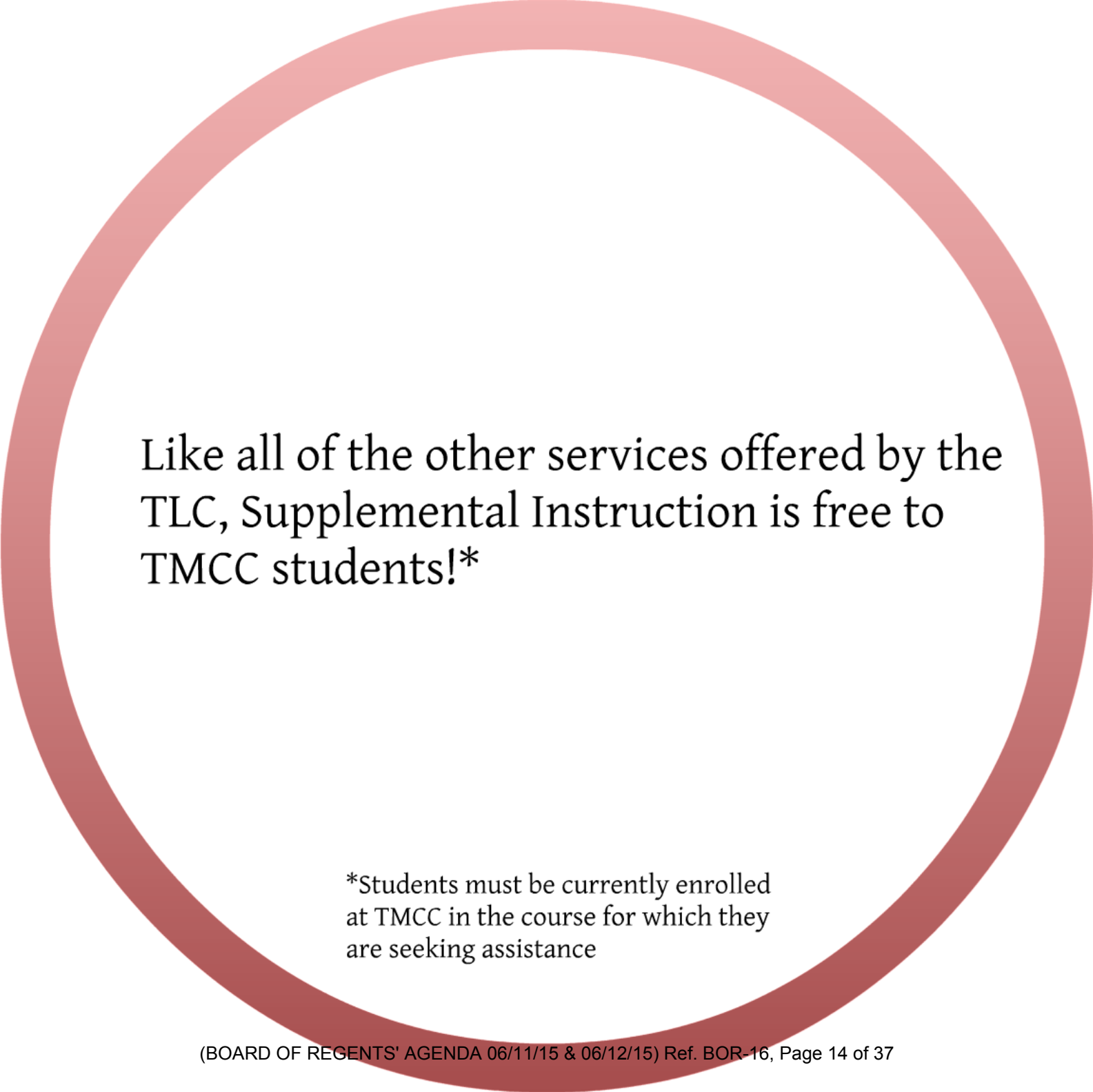
What Students Get out of SI

- Further review of important concepts from class
- The opportunity to work on practice problems/material under the guidance of an SI leader
- A comfortable place to compare notes and get to know other students who are tackling the same material
- Additional review before exams

Benefits of Attending SI

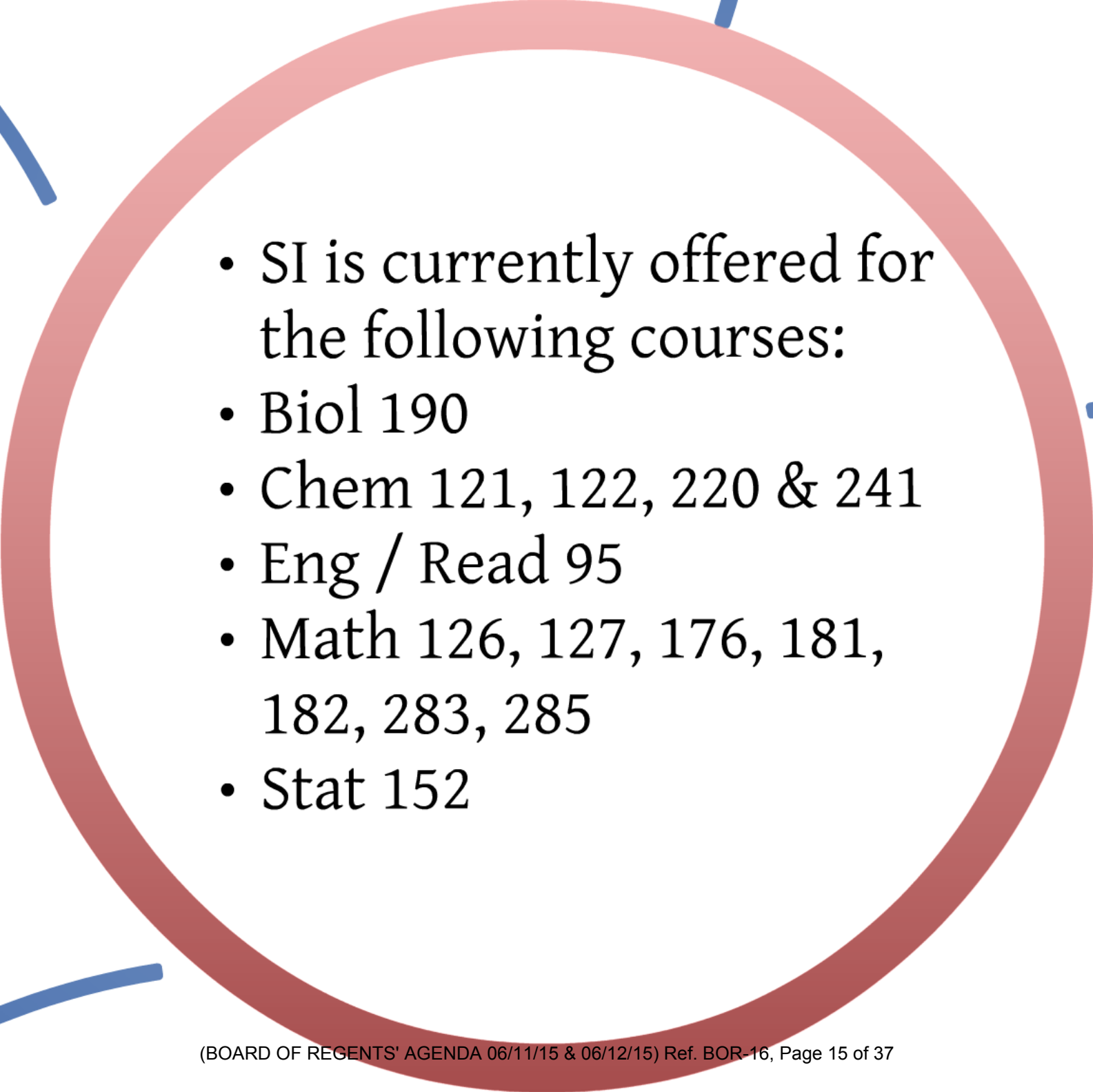
- Students who use SI average one half to one full letter grade higher than classmates who do not attend SI sessions
- Students are able to transfer study skills learned in SI to other classes lacking SI support.

Note: At TMCC, the success of SI is highly dependent on how supportive instructors are of the SI sessions, and how often students attend SI.



Like all of the other services offered by the
TLC, Supplemental Instruction is free to
TMCC students!*

*Students must be currently enrolled
at TMCC in the course for which they
are seeking assistance

- 
- SI is currently offered for the following courses:
 - Biol 190
 - Chem 121, 122, 220 & 241
 - Eng / Read 95
 - Math 126, 127, 176, 181, 182, 283, 285
 - Stat 152

Drop-In Tutoring

Drop-in tutoring is available six days a week at the TLC

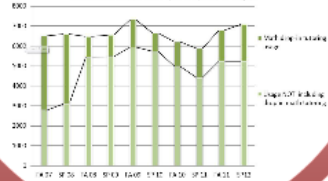
Drop-in Tutoring Usage

Drop-in tutoring accounts for approximately 25% of all tutoring*.

*Based on several years worth of math tutoring data. Science and writing drop-in tutoring is still relatively new (less) but we expect to see this trend continue.

Comparison of one-one-one appointments and math drop-in usage

**Percentages are based on the total number of appointments.



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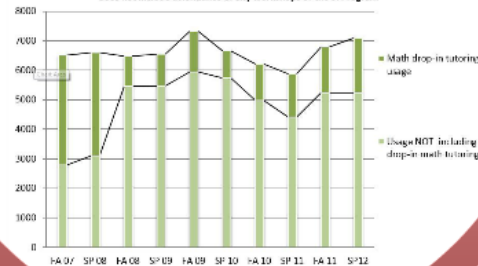
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Comparison of one-one-one appointments and math drop-in usage

**does not include attendance of any workshops or the SI Program



Drop-in is a great place for students who:

- are unable to schedule an appointment
- need extra support, questions or help
- would like a place to work on assignments with the knowledge that help is at hand should they need it.

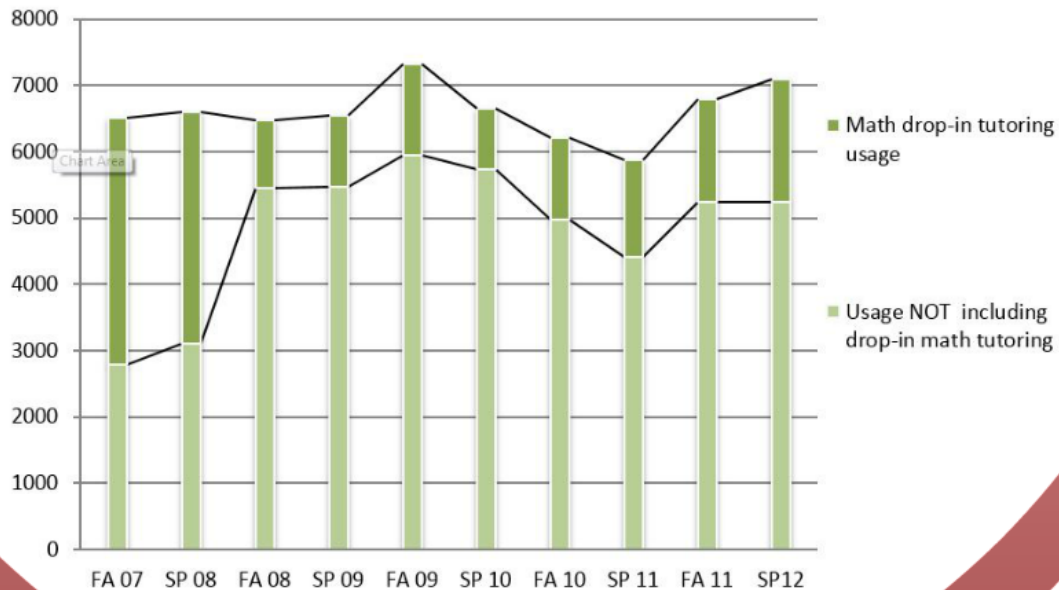
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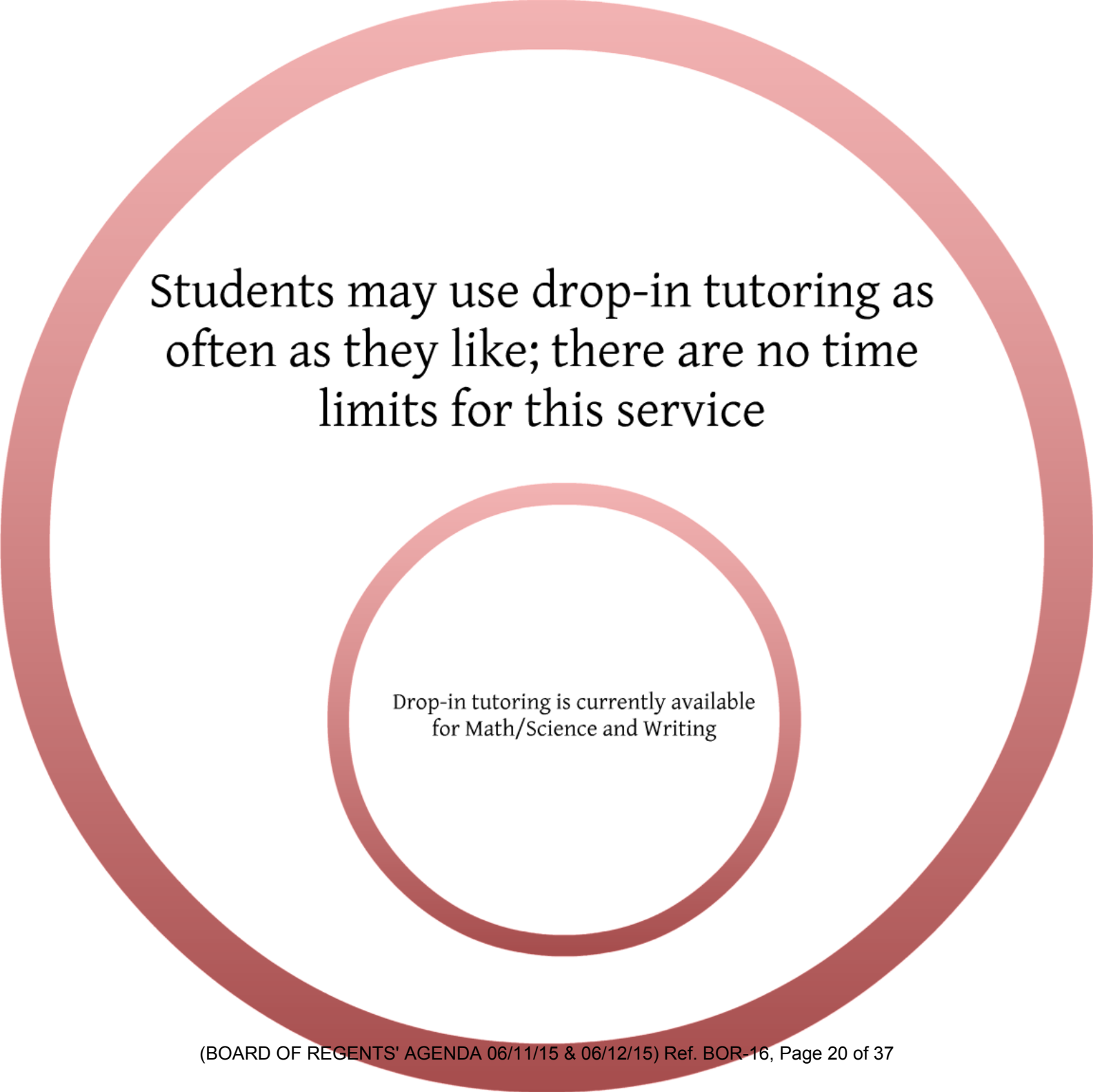
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Drop-in is a great place for students who:

- are unable to schedule an appointment
- only have a quick question or two
- would like a place to work on assignments with the knowledge that help is at hand should they need it


Students may use drop-in tutoring as often as they like; there are no time limits for this service

Drop-in tutoring is currently available for Math/Science and Writing



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Workshops

The TLC offers workshops on a variety of topics ranging from academic support to student success.

Math & Science Workshops

- Using Your Graphing Calculator
- Creating a Math Mind
- Conquering Math Anxiety

Who Conducts Our Workshops?

- TLC Tutors
- TLC Staff
- Faculty from other departments

A small sampling of these workshops includes:

Writing Workshops

- Essay Organizing and Outlining
- Crafting Thesis Statements
- MLA Format

Student Success Workshops

- Note Taking
- Time Management
- Memory Techniques
- Test-taking strategies
...and many more!

Students may attend as many workshops as they wish each semester, free of cost!

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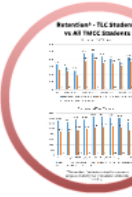
Overcoming Stigma and Getting Students in

- Outreach events
- Promotional materials
- Classroom visits
- Instructor support
- Word of mouth!

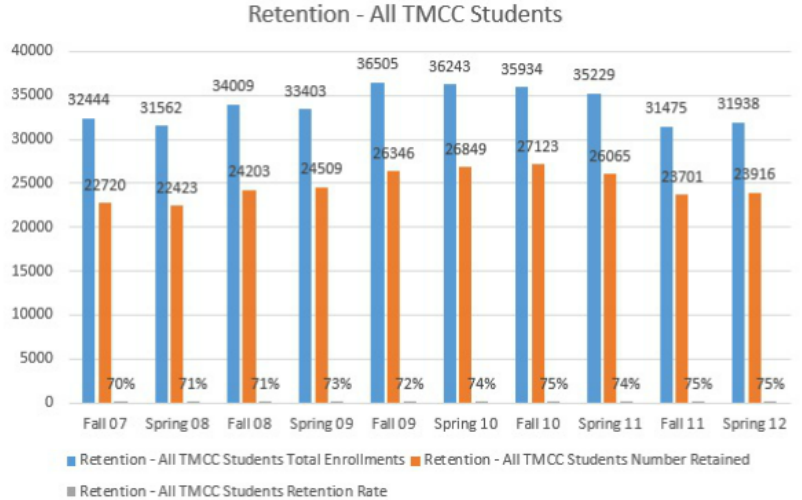
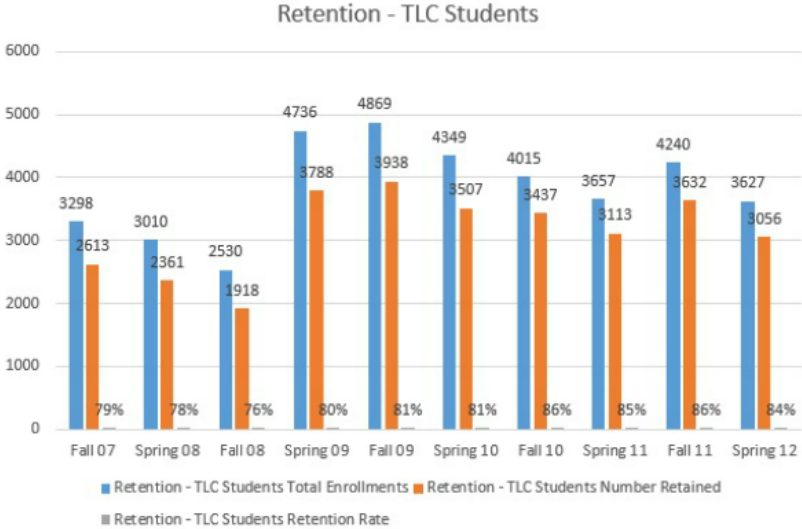
Student Learning Outcomes

- Students who use the TLC are retained at a higher rate at TMCC.
- Students who use the TLC persist at TMCC at higher rate.
- Students who use the TLC will gain greater confidence in their academic skills.

**Data compares retention rates, persistence rates, and GPA of students who used tutoring to students that did not use tutoring for the same courses.

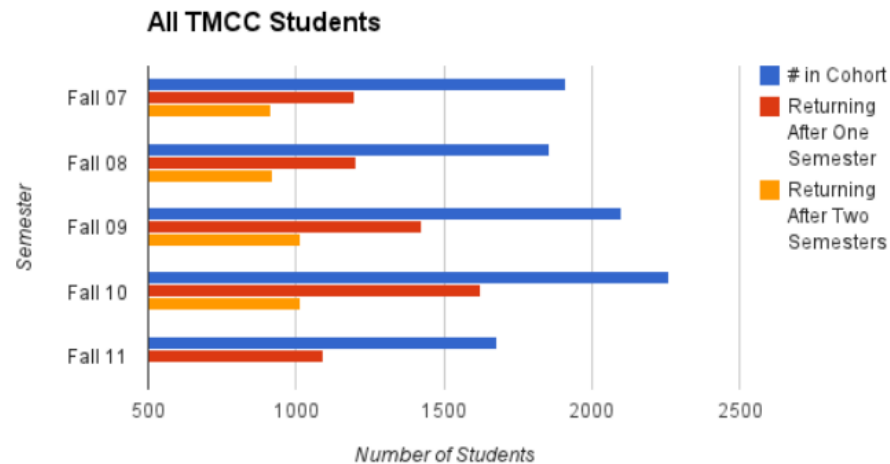
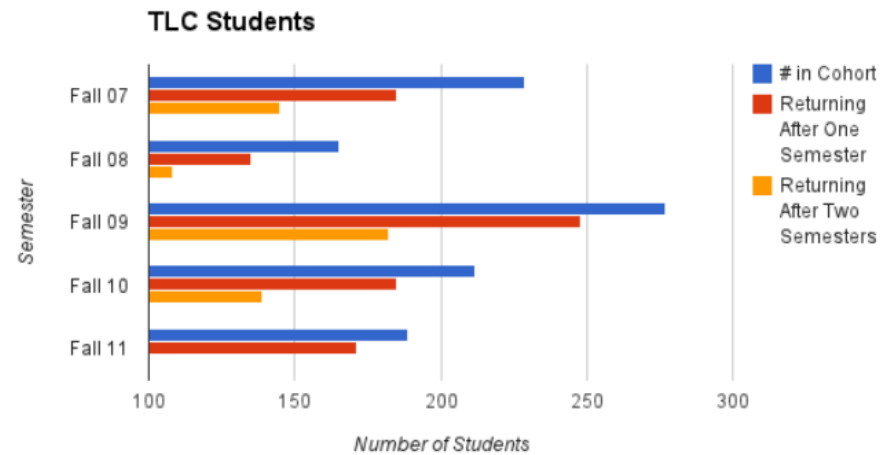


Retention* - TLC Students vs All TMCC Students



*The number of students retained in a course or program divided by the total number of students enrolled

Persistence* - TLC Students vs All TMCC Students



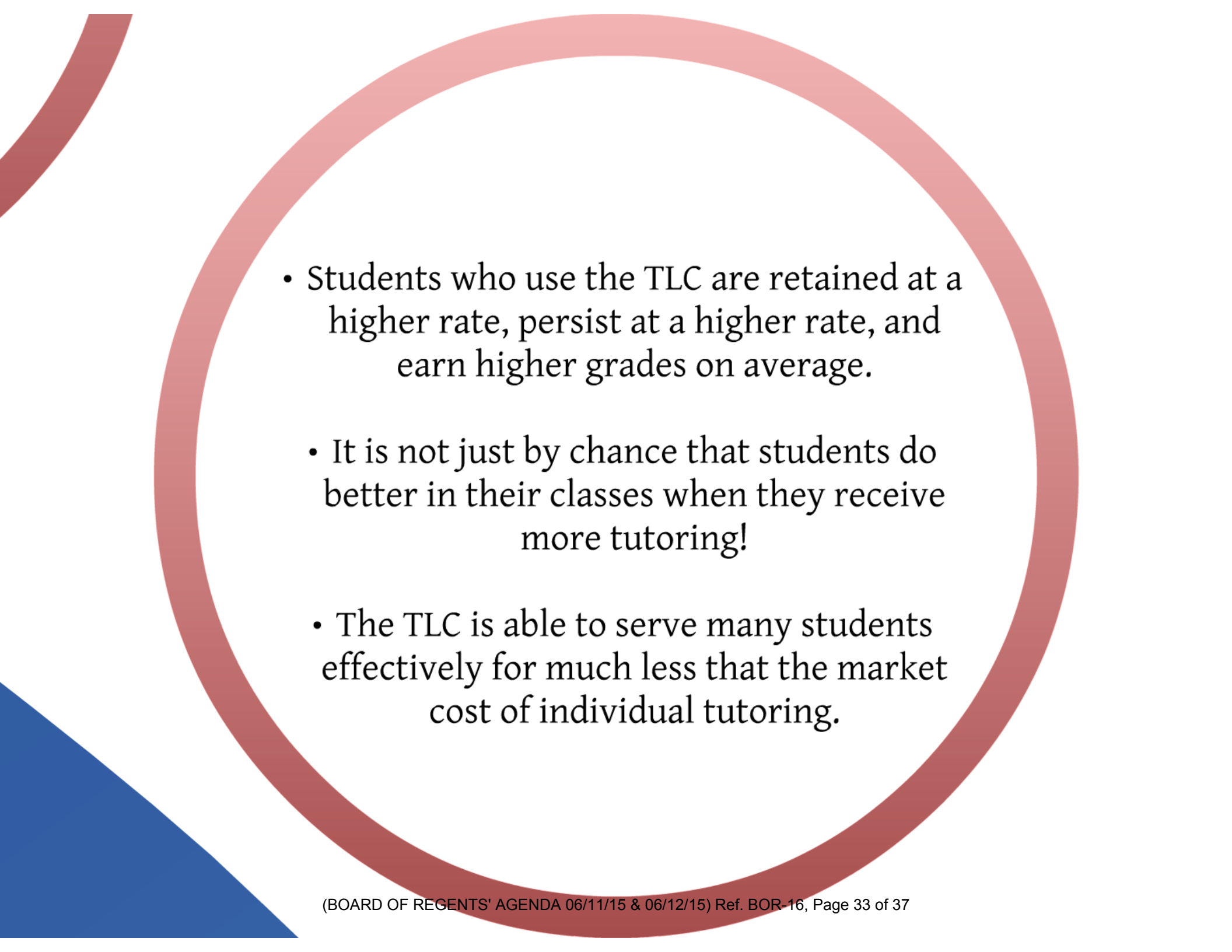
*Persistence is the percent of students who enroll in TMCC the following semester.

Average GPA

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NOTE: Students who use tutoring three or more times in a semester earned a significantly higher GPA compared to those students who used tutoring two times or fewer.

- 
- Students who use the TLC are retained at a higher rate, persist at a higher rate, and earn higher grades on average.
 - It is not just by chance that students do better in their classes when they receive more tutoring!
 - The TLC is able to serve many students effectively for much less than the market cost of individual tutoring.

If you see students who
are in need of CPR (*completion,*
persistence, and *retention*), a little
TLC may be all they need...

Tutoring and Learning Center (TLC)

Tutoring and Learning Center

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Thank you!

[View the online version of this presentation here](#)

