

# College of the Desert Giving Students The EDGE

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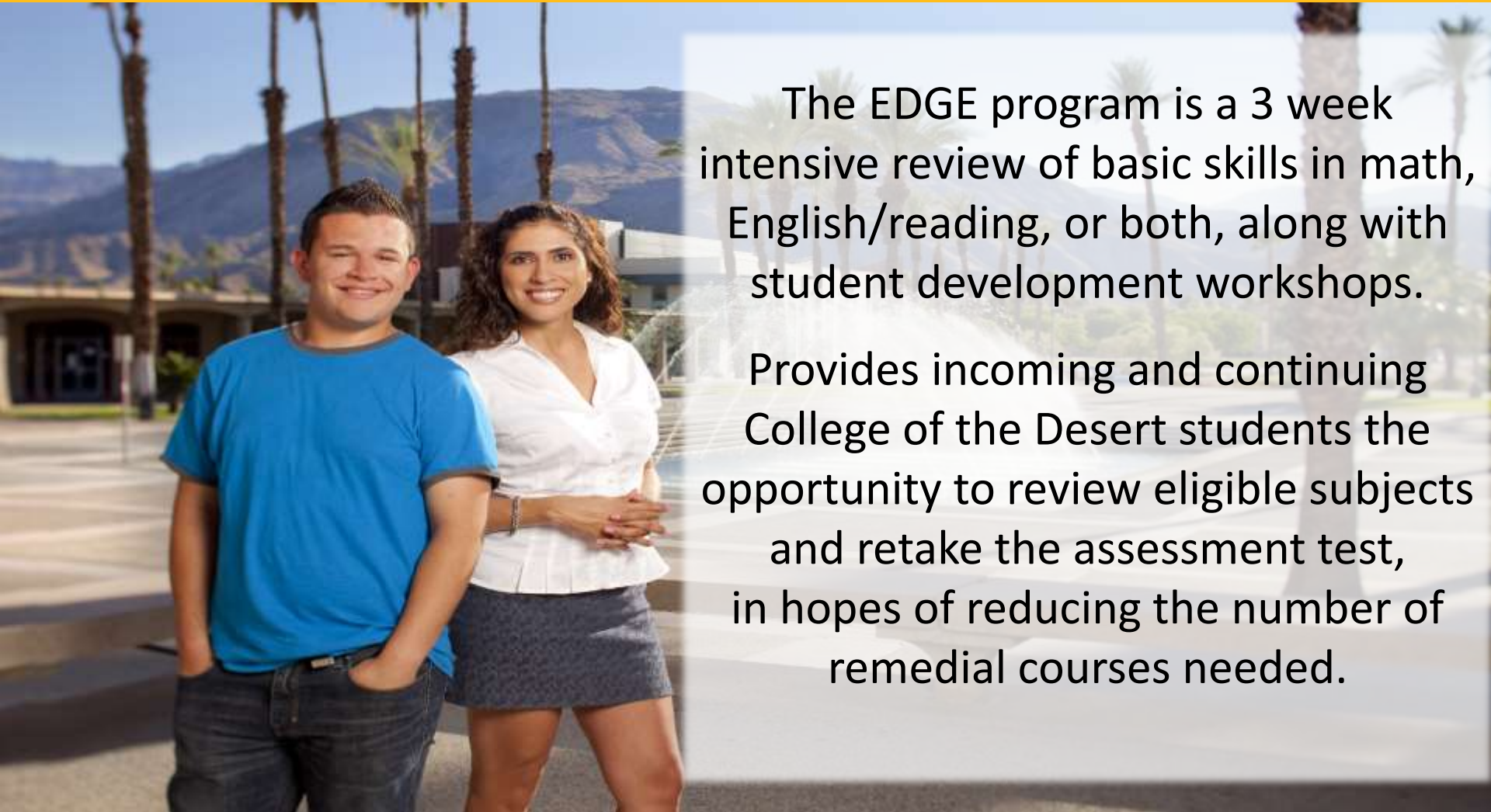
# EDGE:

- Engage
- Develop
- Grow
- Empower





# Overview



The EDGE program is a 3 week intensive review of basic skills in math, English/reading, or both, along with student development workshops.

Provides incoming and continuing College of the Desert students the opportunity to review eligible subjects and retake the assessment test, in hopes of reducing the number of remedial courses needed.

# History

- Pilot project funded by Title V HSI.
- Began in 2012, with 22 students
- Instructional Faculty, Staff & SI Leaders

2012: Students reviewed both subjects and were recruited based on their math AND English accuplacer results.

First Time College Students (22)

Math 60 & English 51

2013: Students had the option of reviewing either subject or both, and were recruited based on their math and/or English accuplacer results.

First Time College Students (69)

Math 60 & English 51

2014: Students had the option of reviewing either subject or both, and were recruited based on their math and/or English accuplacer results.

New & Continuing (265)

Math 40, 54, 60 & English 70 & 71



# Options

EDGE

Calculating  
Success  
Math Only

Words to Live By  
English Only

Learning Large  
Math & English

Math 70  
3 days

# Recruitment

Students are targeted based on their assessment test scores.

Eligible students receive an invitation to participate.



## Get the EDGE at College of the Desert!

Congratulations Amanda ,

We think you are a student who shows great potential!

**According to our records, you are eligible to participate in the Math section of the EDGE Program:**

**Calculating Success**  
(Math Review)

This 3-week program offers a fast-paced review of basic skills in mathematics and gives you an exclusive chance to retake your assessment test and place into higher level courses, saving you time and money at COD! All EDGE students will also be provided 1 free book rental for the Fall 2014 semester after completing the program.

If you are interested in participating, please click [here](#) and complete the registration form. A staff member will then follow up with you to confirm your registration.

Click [here](#) for more information on the EDGE program. If you have additional questions, contact the EDGE program at [edge@collegeofthedesert.edu](mailto:edge@collegeofthedesert.edu)

Space is limited, sign up today!





# Program Rules



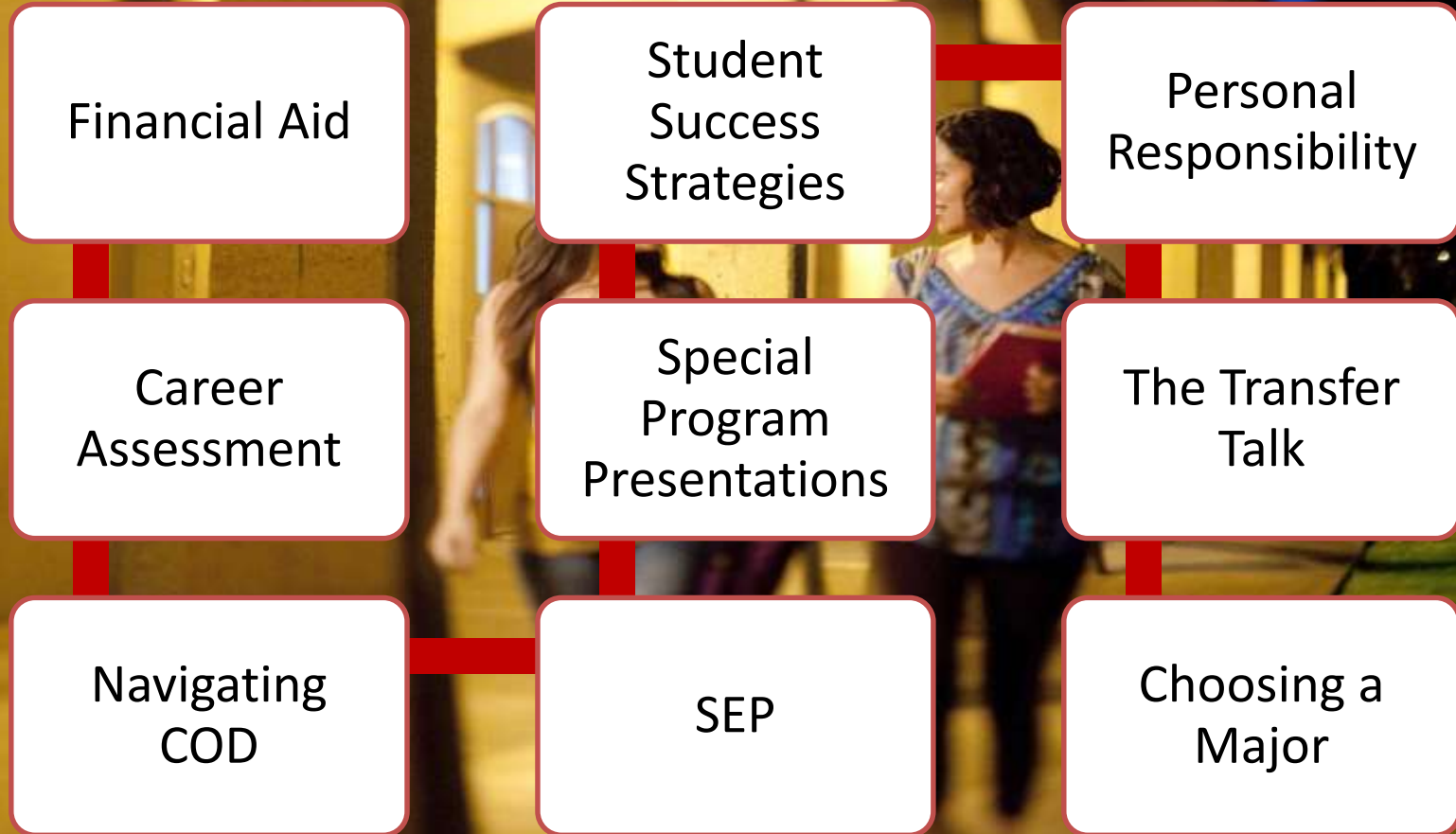
- Mandatory Orientation
- Must attend ALL days of the Three Week Program
- Must attend Student Development

# Example Schedule

<b>Math &amp; English</b>	<b>Group 1</b>	<b>Group 2</b>
8:30-9:45 AM	Math Lecture – Instructional Faculty &	Math Lab – 2 SI Leaders
<b>Math Review AM</b>	<b>Group 1</b>	<b>Group 2</b>
8:30-9:45 AM	Math Lecture – Instructional Faculty & 1 SI Leader	Math Lab – 2 SI Leaders
9:45-11:00 AM	Math Lab – 2 SI Leaders	Math Lecture – Instructional Faculty & 1 SI Leader
11:00 – 11:15 AM	BREAK	BREAK
11:15– 12:15 PM	Student Development – 1 Counselor & 1 Staff	Student Development – 1 Counselor & 1 Staff
12:30 – 3:00 PM	English Lecture – 1 Instructional Faculty & 1 SI Leader	English Lecture – 1 Instructional Faculty & 1 SI Leader



# Student Development



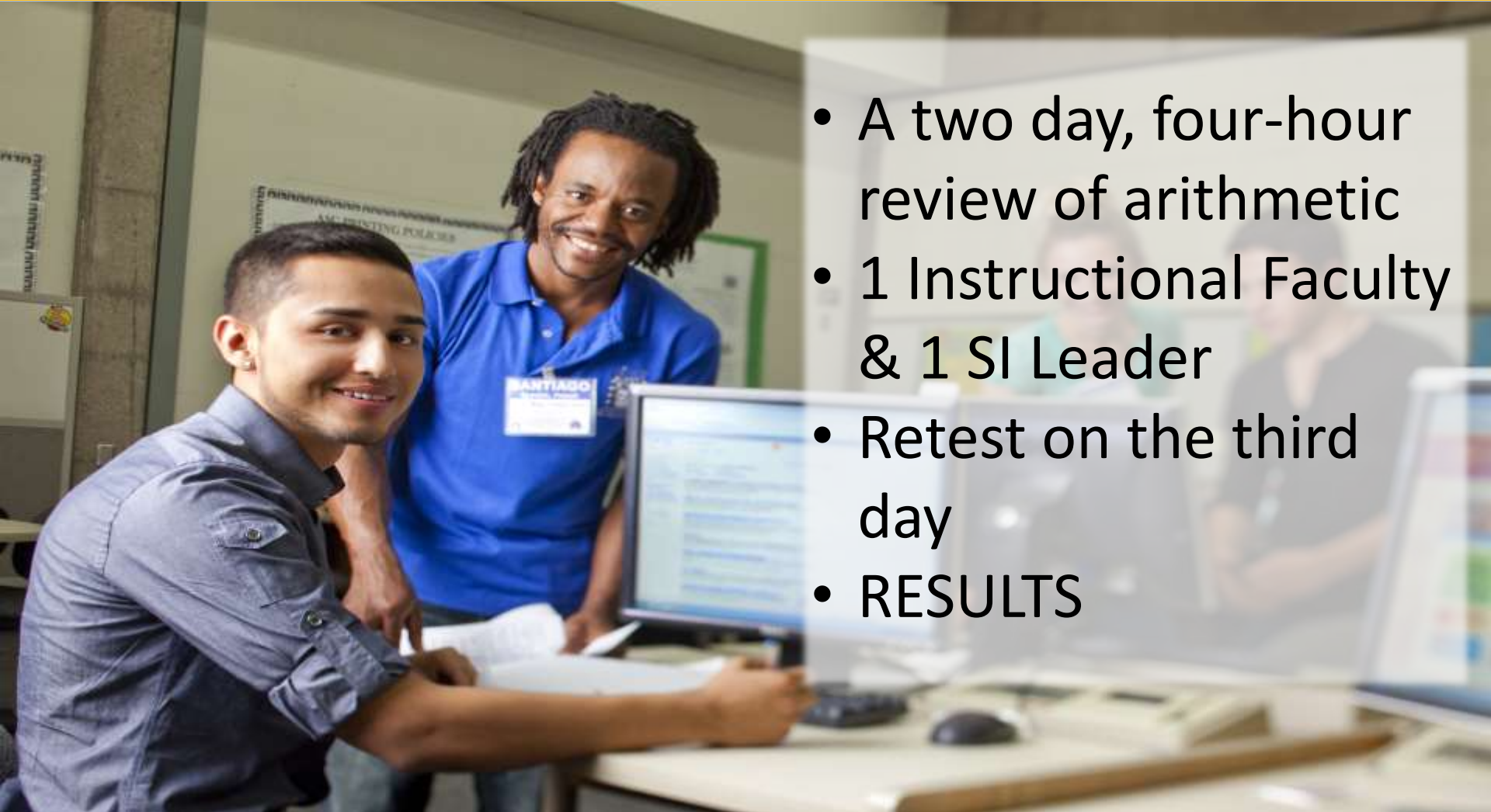
# Student Feedback

**"It refreshed my memory on things I learned in the past, I also learned things I was taught before but didn't understand."**

**"I really liked that everyone is there to help you. No one is ignored, even after hours you're showed compassion and understanding which a lot of students need."**

**"I learned a great deal, created new friendships, and received help for my future. In return, I promise to do my best in college."**

# Math 70



- A two day, four-hour review of arithmetic
- 1 Instructional Faculty & 1 SI Leader
- Retest on the third day
- RESULTS



# The Future of EDGE



College of the Desert  
has institutionalized  
the EDGE!

Positions Created:  
Outreach Specialist-  
EDGE  
Assistant Director of  
FYE

# The Future of EDGE

The EDGE program will now be offered to ALL incoming students as a First Year Experience.

Goal = 2,000 students served

# Results – EDGE 2013

## English

- 21 of 43 participants removed at least 1 level of English
- 49% success rate
- 12 assessed into college level English

## Math

- 39 of 51 participants removed at least 1 level of math
- 76% success rate
- 11 assessed into college level math



# Analysis – EDGE 2013

EDGE and non-EDGE students were compared on success rates, retention rates and course “matching” rates during fall 2013.

- For English, math and reading, no differences were found on any of these measures.
- **EDGE students performed as well as non-EDGE students in their respective courses.**

# 2014 Test/Re-Test Results

## English

- 102 of 195 participants removed at least 1 level of English
- 52% success rate

## Math

- 194 of 273 participants removed at least 1 level of math
- 71% success rate

## Math 70

- 124 of 173 participants moved at least 1 level of math
- 72% success rate

To measure its effectiveness, the Office of Institutional Research has completed an analysis of the EDGE program, comparing first-time college students (FTCS) who participated in the 3 EDGE sessions in 2014, with first-time college students (FTCS) at COD who did NOT participate in EDGE for the subjects of English and Mathematics.





# Analysis – English

There were 1,126 FTCS enrolled in an ENG course for the Fall 2014 term. Of these 1,126 FTCS, 63 students participated in an English review session for EDGE.

The EDGE program allowed the 63 FTCS the opportunity to move up in level(s) for ENG course enrollment in comparison to their initial ENG placement.



# Analysis – English

Of the 63 EDGE FTCS:

- 21 FTCS enrolled in the same ENG course in comparison to their initial ENG placement
- 35 FTCS enrolled in one ENG level above in comparison to their initial ENG placement
- 7 FTCS enrolled in two ENG levels above in comparison to their initial ENG placement

The ENG courses the 63 EDGE FTCS enrolled in included:

- 17 EDGE FTCS enrolled in ENG-001A
- 15 EDGE FTCS enrolled in ENG-070
- 31 EDGE FTCS enrolled in ENG-071

# Analysis – English

The following tables are summaries of t-test analyses done for overall ENG course enrollments comparisons between EDGE FTCS and non-EDGE FTCS at COD for Fall 2014; as well as for each ENG course for which EDGE FTCS and non-EDGE FTCS were enrolled in.

Overall	Characteristic	EDGE (n=63)	Non-EDGE (n=1,063)	p-value
ENG	Success	76.2%	74.5%	0.77
	Retention	92.1%	90.3%	0.65
	Degree- Applicable Credits Earned	6.65	5.70	0.09
	COD Cumulative GPA	2.22	2.23	0.94



# Analysis – English

## Conclusion

In each ENG course, as well as ENG overall, the success and retention rates are slightly higher for EDGE FTCS in comparison to non-EDGE FTCS.

However, the only case where the difference in rates is statistically significant is for the course ENG-070 with regards to the success rate.

The same is true for the degree-applicable credits earned.

# Analysis – English

## Conclusion

Excluding the retention rate for students who moved up 2 levels to enroll in ENG-001A, success and retention rates were not statistically significantly different between EDGE FTCS and non-EDGE FTCS.

# Analysis – Mathematics

There were 418 FTCS enrolled in a MATH course for the Fall 2014 term. Of these 418 FTCS, 49 students participated in a Mathematics review session for EDGE.

The EDGE program allowed the 49 FTCS the opportunity to move up in level(s) of MATH course enrollment in comparison to their initial ENG placement.





# Analysis – Mathematics

Of the 49 EDGE FTCS:

- 5 FTCS enrolled in the same MATH course in comparison to their initial MATH placement
- 21 FTCS enrolled in one MATH level above in comparison to their initial MATH placement
- 12 FTCS enrolled in two MATH levels above in comparison to their initial MATH placement
- 11 FTCS enrolled in three MATH levels above in comparison to their initial MATH placement

The MATH courses these 49 EDGE FTCS enrolled in included:

- 12 EDGE FTCS enrolled in MATH-005 Trigonometry
- 5 EDGE FTCS enrolled in MATH-010 College Algebra
- 1 EDGE FTCS enrolled in MATH-012 Pre-Calculus
- 14 EDGE FTCS enrolled in MATH-040 Intermediate Algebra
- 14 EDGE FTCS enrolled in MATH-054 Beginning Algebra
- 3 EDGE FTCS enrolled in MATH-060 Pre-Algebra

# Analysis – Mathematics

The following tables are summaries of t-test analyses done for overall MATH course enrollments comparing EDGE FTCS and non-EDGE FTCS at COD for Fall 2014; as well as for each MATH course in which EDGE FTCS and non-EDGE FTCS were enrolled.

# Analysis – Mathematics

Overall	Characteristic	EDGE (n=49)	Non-EDGE (n=369)	p-value
<b>MATH</b>	Success	42.9%	64.5%	< 0.01*
	Retention	71.4%	84.8%	0.05
	Degree- Applicable Credits Earned	6.96	6.71	0.71
	COD Cumulative GPA	2.22	2.47	0.21

\* = statistically significant at  $p=0.05$  level



# Analysis – Mathematics

## Conclusion

In each MATH course, as well as MATH overall, the success and retention rates are lower for EDGE FTCS in comparison to non-EDGE FTCS. The two cases for when statistically significant results were found was for the comparison of the success rate for overall MATH course enrollment and for MATH-005 course enrollment.

**It should be noted that since there was only 1 student enrolled in MATH-012, a t-test analysis could not be administered.**

# Analysis Conclusion – English & Math

## English:

Students who move do as well as students who are eligible for the specific course (in terms of course success, retention, degree-applicable units earned and GPA). The only difference is for the lowest level of ENG (ENG 71) where EDGE students do better than non-EDGE students on success and degree-applicable units earned than non-EDGE students.

## Math:

The success rates for EDGE students in math is lower than non-EDGE students but the difference is not significant except for MAT-005 where EDGE students were significantly less successful than non-EDGE students.

# Questions?

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