

May 30, 2014

A 2nd Chance...

At Developmental
Mathematics

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Baltimore City Community College

What is 2nd Chance?

- For Developmental Math classes, we have 3 levels with grades of A, B, C, F.
- We have no “D”s because we feel that a student does not know the subject well enough if his/her final grade is in the “D” (60-69) range.

Objectives/Timelines

- To offer students in the “D” range a 2nd chance to improve their grades, at no cost.
- Study sessions were held from 10-1 PM and from 5:30-8:30 PM.
- 2 instructors per session.
- Mon-Thursday for 4 weeks. A total of 16 days. All in June.

Criteria for Eligibility

- 100% of all homeworks and quizzes graded (all incomplete work = 0).
- Retake all tests with a score lower than 75%,
- Score a minimum of 75% on all tests (using the best score, 3 attempts),
- Retake the final exam (1 attempt).

Final Grades

- Students who successfully complete the second chance program will receive a final grade of 'C'.
- Students will be contacted by their instructors.

Statistics

- In the Summer of 2013, a total of 88 students were invited to participate in the program.
- 37 students accepted the invitation (42%).
- 29 successfully completed the program.
- An overall completion rate of 78%.

More Statistics

- MAT 80: Basic Math (4/5 – 80% completion rate)
- MAT 91: Introductory Algebra (9/10 – 90% completion rate)
- MAT 92: Intermediate Algebra (16/22 – 73% completion rate)

What happened next semester?

- Mat 80 students: of the 5 that passed, 2 took no math the next semester. 1 passed the next math class, 1 failed the next math class, and 1 took no classes.
- Mat 91 students: of the 9 that passed, 5 took no math the next semester. 1 took no classes. 1 passed and 3 failed the next math class.

What happened next semester?

- Mat 92 students: of the 16 that passed, 8 took no math the next semester. 3 took no classes, 1 took Stats and dropped it, 7 are currently taking Mat 107 and one is taking Mat 128.

Lessons learned

- Once a student passes “2nd Chance”, we must *insist* that they sign up for the next math class immediately.

Winter Intersession (Statistics)

- Still was 16 days.
- In the Winter Intersession of 2014 (January), a total of 61 students were invited to participate in the program.
- 26 students accepted the invitation (43%).
- 24 successfully completed the program.
- An overall completion rate of 92%.

More Winter Statistics

- MAT 80: Basic Math (10/10 – 100% completion rate)
- MAT 91: Introductory Algebra (6/7 – 86% completion rate)
- MAT 92: Intermediate Algebra (8/9 – 89% completion rate)

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A's Only...

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Mathematics

What is “A’s Only”?

- We decided that it was not fair to only reward the lower achievers (those with D’s). We should also reward the high achievers.
- Students who received an “A” in Mat 91 (Intro Alg) can take Mat 92 (Inter Alg) for free, if they also meet the following criteria:
 - Have at least an 80% on the final.
 - Are *first time* Mat 91 students (no repeaters).

A's Only

- We will offer it at two times. Mon-Thurs 10-12 or 5:30-8:30 for 4 weeks. A total of 30 hours (normally it is a class that meets for 60 hours).
- We did this some years ago but stopped, because very few students signed up for it. Those who did, were mostly successful.
- It is worth trying again, to help completion.

Costs

- 15 days x 2 instructors x 2 hours a day x \$51.17 =
\$3070.20

Contact Info... (again)

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Questions?
