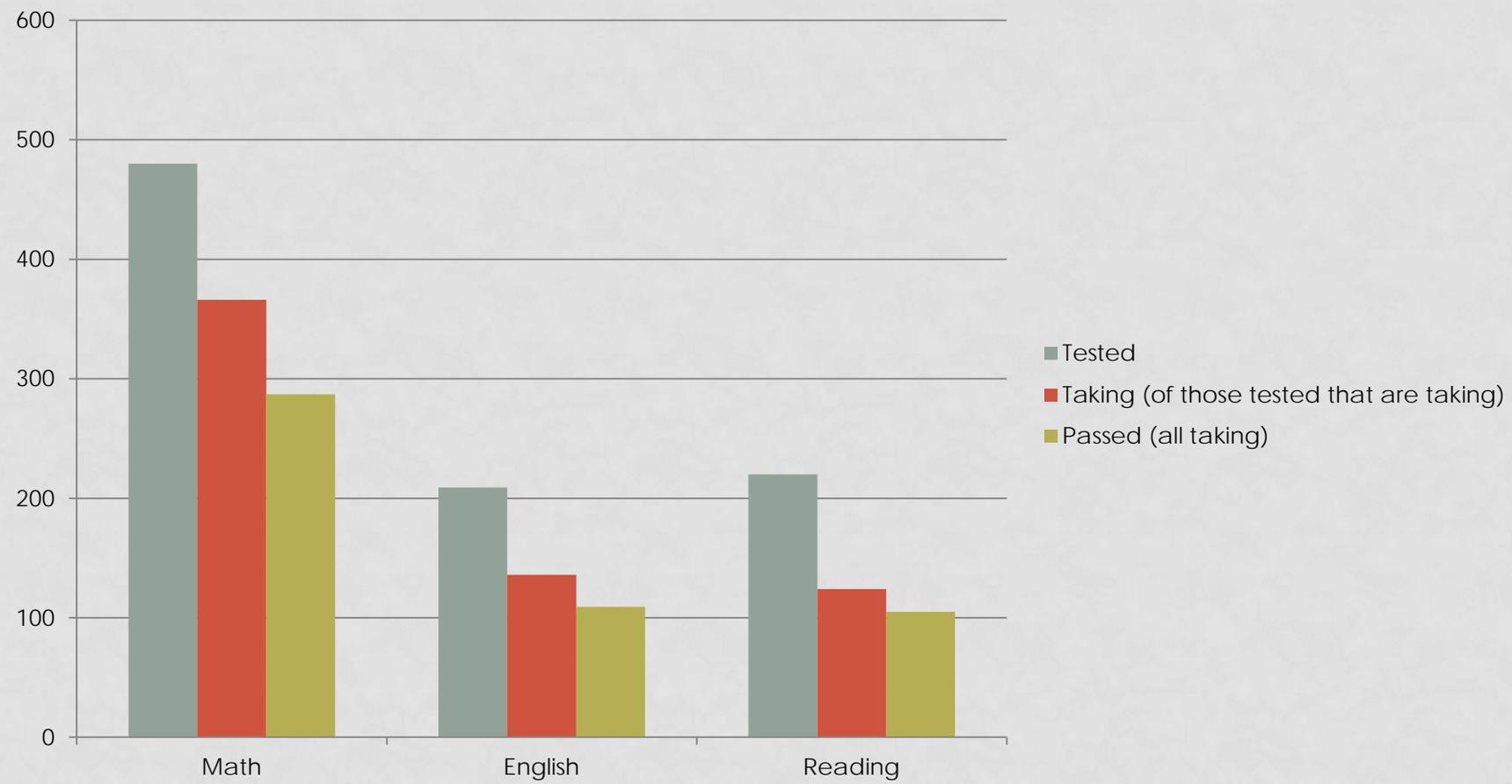# DEVELOPMENTAL EDUCATION AT BARTON

GREAT BEND CAMPUS

REMEDIATION REPORT 2011-2012

COMPLETING THE SEQUENCE –
BASIC APPLIED MATH TO INTERMEDIATE ALGEBRA

Question 6: Completing the Sequence

How long it takes students to complete the sequence Basic Applied Math to Intermediate Algebra.

Term	Students	Completed < 1 Year		Completed 1 Year		Completed 1.5 Years		Completed 1.5-2 Years		Completed 2 Years		Completed 2+ Years		Not Completed 2+ Years	
		Ct	%	Ct	%	Ct	%	Ct	%	Ct	%	Ct	%	Ct	%
20080	101	1	1%	2	2%	14	14%	2	2%	3	3%	1	1%	78	77%
20080	45	0	0	5	11%	1	2%	0	0	2	4%	2	4%	35	78%
20090	103	6	6%	1	1%	13	13%	4	4%	3	3%	1	1%	75	73%
20090	32	1	3%	3	9%	3	9%	0	0	1	3%	0	0	24	75%
20100	112	3	3%	5	4%	8	7%	2	2%	N/A	N/A	N/A	N/A	N/A	N/A
20100	43	3	7%	3	7%	1	2%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
20110	125	3	2%	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

N/A indicates insufficient time since term indicated to complete in timeframe indicated.

"PROFILE" OF DEVELOPMENTAL STUDENTS

Low self-esteem

First generation

Inner city

Non-traditional

Poor study skills

traditional

Non-athletic

motivated

Lack confidence

minority

Second generation

Small town

athlete

High anxiety level

Lack academic motivation

WHAT DO DEVELOPMENTAL LEVELS MEAN?

MATH

- Lowest level – difficulty with basic arithmetic, fractions, percents

- Middle level – struggle with fractions, factoring, difficulty moving from concrete to abstract (applying properties)

READING / ENGLISH

- Basic – read at or below 6th grade level, trouble distinguishing main ideas and important details, literal readers; write at an elementary level, struggle with subject/verb and verb tense, write in incomplete sentences

- Intermediate – read at or below 8th grade level, lack college level vocabulary, trouble with critical reading skills; write at a middle school level, struggle writing in complex sentence structure and with using transitions

GOAL: IMPROVE STUDENT LEARNING OUTCOMES .

- Content divided into manageable units
- Individualized instruction
- Self-paced
- Mastery of competency required before continuing

CREATE AN ACTIVE, STUDENT-CENTERED LEARNING ENVIRONMENT .

- ACE computer lab
- Self-paced
- Flexible exit points
- One-on-one instruction

CREATE AN ASSESSMENT-BASED FLEXIBLE LEARNING MODE .

- Pre-test to determine mastery
- Modules required according to career goals
- Individualized instruction
- Self-paced

SHORTEN THE TIME SPAN TO COMPLETE DEVELOPMENTAL SEQUENCE.

- Modules can be completed if mastery demonstrated on pre-test
- Individualized instruction / immediate feedback
- Sequence designed to fit career goals

INCREASE STUDENTS' SELF-REGULATED STUDY BEHAVIOR.

- Self-paced with instructor guidance
- Students responsible for own learning
- Time-management skills embedded in coursework

BENEFITS FOR STUDENTS

- Individualized Instruction
- Meaningful and timely feedback
- Flexibility
- Potential reduction of time to reach completion
- Saves money
- Emphasizes process for student success
- Manageable units of study
- Unlimited opportunities to achieve mastery.

BOARD OF TRUSTEES:

THANK YOU!