

Noncredit Open lab as an Alternative Model of Developmental Education



February 27, 2013

Cypress College & School of Continuing Education
Math Partnership

Partnership Yields Opportunities

- **Van Pewthers**, SCE Basic Skills Instructor
- **Armando Garcia**, Cypress College Counselor
- **David Nusbaum**, Cypress College Math Department Chair
- **Karen Watson**, Cypress College Math Instructor
- **Dr. Richard Fee**, Dean of Science, Engineering & Math Division
- **Kris Nelson**, Cypress College Matriculation Coordinator
- **Dione Carter**, SCE Basic Skills Program Manager
- **Valentina Purtell**, SCE Dean of Instruction & Student Services

One Goal = Many Ways

- Persistence and completion rates in traditional sequential courses
- Different approaches for diverse student needs and abilities
- Noncredit open lab course as a model of developmental education

Partnership Goals & Aspirations

- Goal
 - Increase the number of students academically prepared for Math 20 by offering an alternative instruction delivery method, i.e. noncredit open-lab
- Expected Outcome
 - At least 40% completion rate of the combined Math10/15 course and transition to Math 20 after attending the noncredit course for at least 144 hrs

Nuts and Bolts

- **SCE-Cypress Math Lab**
"Real-Time Instructional Support"
 - One (1) Lead Adjunct Faculty: Van Pewthers
 - BSI Grants
 - Classified Hourly Tutors funded by SCE BSI Grant
 - Classified Hourly Clerical funded by Cypress College
 - Fall 2011 Lab Hours:
 - Monday through Thursday, 8:30am to 12:30pm
 - Study period: 12:30 to 2:45pm
 - Spring 2012 Lab Hours:
 - Morning, Afternoon, and Evenings
 - with additional adjunct faculty support

Nuts and Bolts con't

- **SCE-Cypress Math Lab Curriculum and Assessments**
 - Articulation Agreement – Summer 2011
 - SCE Math 1 = Cypress Math 10
 - SCE Math 2 = Cypress Math 15
 - Funded by SCI BSI
 - Plato Math Instructional
 - Reporting Software
 - Final Examination/Competency
 - SCE's iGrade - Progress Indicators
 - P = Passing
 - SP = Satisfactory Progress
 - NP = No Pass or Drop

Student Support = Success

RECRUITMENT

- MDTP1 Students with Low Scores
 - Student who did not place in MDTP 1 Arithmetic or very low test scores
 - Returning adults who were too low to handle the MDTP 1 sample sheet
 - Students who had already repeated Mathematics 10 Arithmetic
- Faculty referred student on first week of classes

Student Support = Success

COUNSELING SUPPORT

- Part time counselor available
 - Tuesday, Thursday and Friday
 - Covers all morning (am) and one evening (pm) shift
- Office located next door to Math Lab Center
- Interviews each referred student to explain Lab Center requirements for success PRIOR to

Student Support = Success

ADD CODE

- Follows up on students who are absent or No Show to lab
 - Phone calls
 - Emails
 - Texts
- Reviews referral lists from
 - Assessment Center
 - Math faculty members
 - Research department
- Aids students with any personal concerns affecting college life...utilizes campus resources
- Works with DSPS, EOPS, and Financial Aid staff members for specific cases
- Weekly email updates to entire CC/SCE Partnership team on
 - students numbers
 - Issues
 - Questions
- Actively recruits students within other campus/district events

Numbers Talk!

Results	Cypress		SCE	
	n	%	n	%
Fall 2011 Math 15 completers	70	100.0	35	100.0
Did not enroll in Math 20 during Spring 2012	8	11.4	3	8.6
Dropped Math 20 during Spring 2012	5	7.1	0	0.0
Withdrew from Math 20 in Spring 2012 (grade = W)	20	28.6	8	22.9
Failed Math 20 in Spring 2012 (grade=D or F)	11	15.7	8	22.9
Passed Math 20 in Spring 2012 (grade=A or B or C)	26	37.1	16	45.7
Enrolled in Math 40 for Fall 2012	13	18.6	13	37.1