

UNIVERSITY HIGH SCHOOL

Define presentation



Marcela Bernardínez

Ariel Lazarus

Ethling Hernandez

Lawrence Lanos

Félix Martínez

February 2006

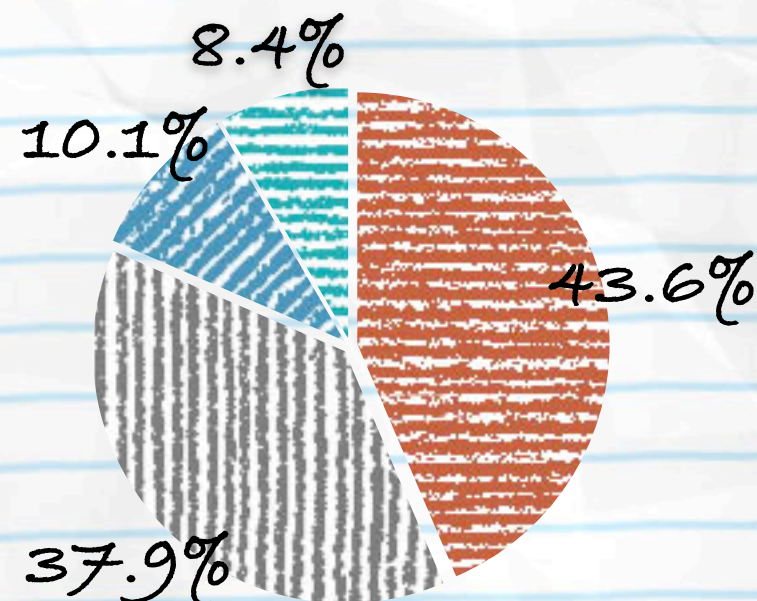
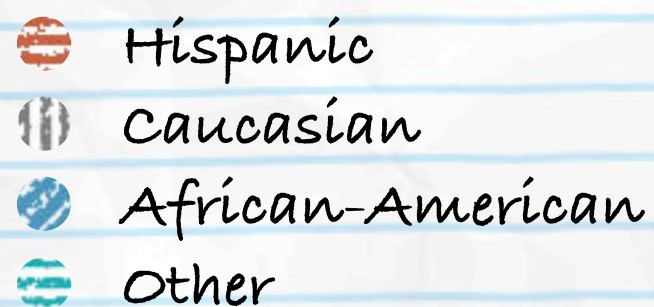
AGENDA

- Background
- Problem Statement
- Business Objectives / Principal Objectives
- Benefits/Cost savings
- Project scope
- Stakeholder Analysis
- Next Steps



University High School: Background

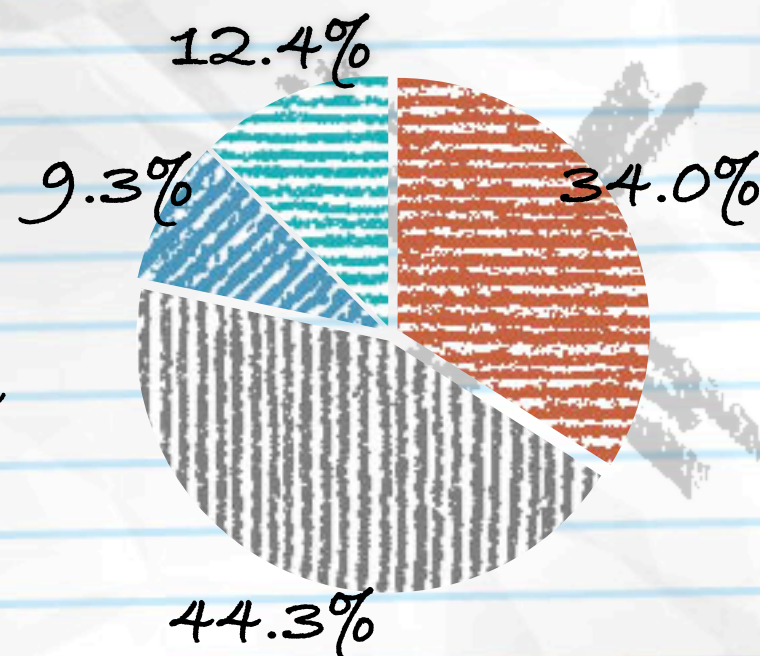
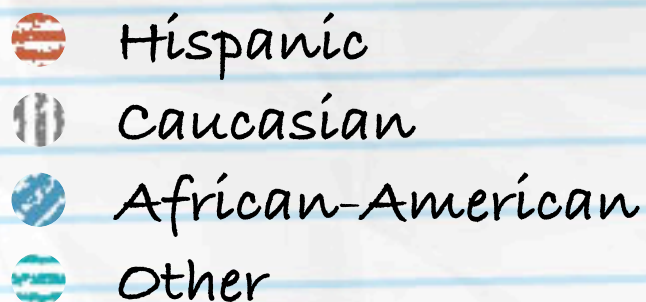
340 Faculty Members, 3600+ Students



60% Minority, 40% Free/Reduced Rate

30 AP Courses offered

982 Students enrolled





Problem Statement

There has been no assessment of the performance of Minorities and Low-socioeconomic students in AP courses since the implementation of the new Open Access system.

There is a possibility of increasing the number of minorities that enroll and "pass" by looking at statistical data and identifying the key factors affecting academic success.

OPPORTUNITY

ASSESSING THE PERFORMANCE OF MINORITY
AND REDUCED LUNCH STUDENTS IN ADVANCED
PLACEMENT AT UNIVERSITY HIGH SCHOOL

GOAL

ACHIEVE A REPRESENTATION OF RACES
ENROLLED IN AP COURSES PROPORTIONAL TO
THE AMOUNT ENROLLED IN SCHOOL

Business Objectives

- Identify factors that affect performance and student achievement in AP courses
- Achieving a representative minority of and low socio-economic students in AP courses
- Provide recommendations for the improvement of the current Open Access system
- Measure the impact of implementing these recommendations

Principal Project Objectives

- Analyze UHS database
- Determine relationships of AP performance vs. standardized tests
- Identify gaps in the current structure, determine best practices.
- Six sigma methods (Root cause analysis, voice of the customer, etc)



Project Scope

- The timeframe is based on the University of Central Florida's Spring 2006 calendar, in concordance with course EIN 6936
- The project will make use of the student information from those enrolled in AP courses for the 02'-03' through 05'-06' school year
- The project will focus on minority and low socioeconomic students

BENEFITS/COST SAVINGS

- Increased school funding
- Improved School Status
- Teacher bonus for high-achieving students
- College credit for students
- Streamlined AP enrollment system



Critical Success factors

- Clear understanding of the enrollment process into AP courses, complete knowledge of all elements and interactions present in the Open Access system
- Well-defined measures of performance
- Stakeholder cooperation



Deliverable Scope

DMAIC	DATE
DEFINE	February 8th
MEASURE	March 29th
ANALYZE, IMPROVE, CONTROL	April 26th

*There will be other meetings held with clients at dates to be determined

Stakeholder Analysis

	Stakeholders	Who Are They?	Potential Impact(s) or Concern(s)
P R I M A R Y	Leadership team	The team is composed by the Principal, 9 Deans, and 3 Assistant Principals.	<ul style="list-style-type: none"> ▪ Improve overall school score (+) ▪ Increase Budget (+) ▪ Best Practices (+) ▪ Recognition (+)
	Assessment Team	The group of faculty and staff that work to assess student progress	<ul style="list-style-type: none"> ▪ Improve overall school score (+) ▪ Increase Budget (+) ▪ Staff (+)
S E C O N D A R Y	Low Socioeconomic Students	Recipients of free and reduced lunches.	<ul style="list-style-type: none"> ▪ College Preparation ▪ College Credit ▪ Weighted GPA
	Minority Students	Non-Whites	<ul style="list-style-type: none"> ▪ College Preparation ▪ College Credit ▪ Weighted GPA
	Faculty	Teachers at the University High School.	<ul style="list-style-type: none"> ▪ Improve overall school score (+) ▪ Increase Budget (+) ▪ Compensation (+)
	SAC	Committee that establishes a cooperative and lasting partnership between home, school, and the community to assist students in acquiring the education and qualities that assures a successful and rewarding life.	<ul style="list-style-type: none"> ▪ High standards of academic excellence (+) ▪ Encouraging students, school staff, parents, and the community working together (+) ▪ Recognizing students for their achievements (+) ▪ Fostering staff development for our teachers (+)
	Parents	The parents of the minority and low socioeconomic students	<ul style="list-style-type: none"> ▪ College Credit

NEXT STEPS



- Conduct more interviews with UHS personnel to clarify any issues and to obtain feedback on progress
- Map the entire process of Open Access
- Identify and gather necessary data for the measure phase
- Determine all possible factors that can be measured as the result of Open Access
- Any other elements that influence academic success

QUESTIONS?

