

# UNIVERSITY HIGH SCHOOL

## Define presentation



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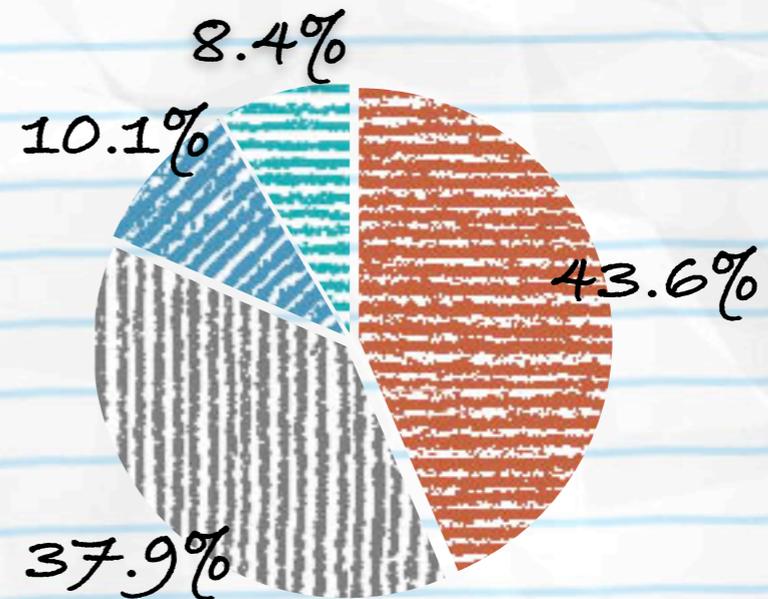
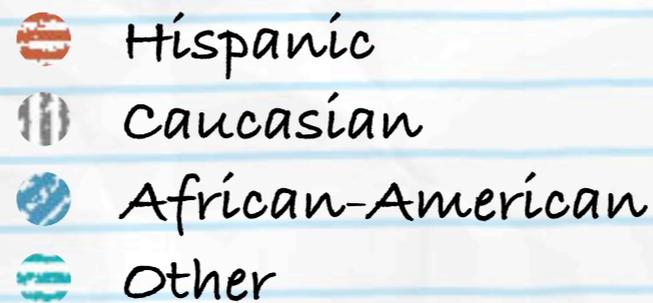
# AGENDA

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



# University High School: Background

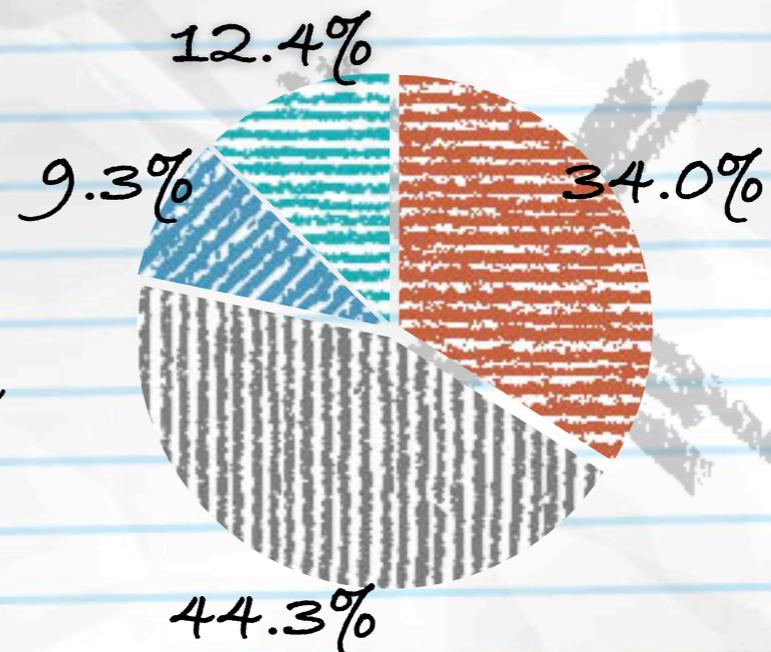
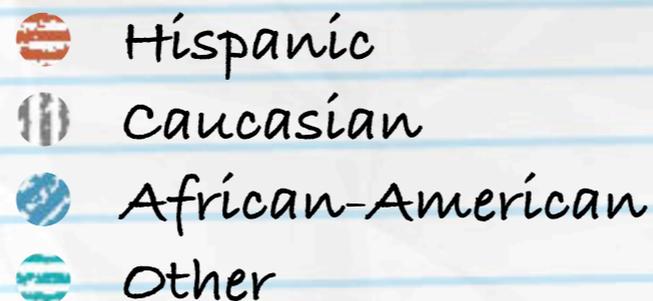
340 Faculty Members, 3600+ Students



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

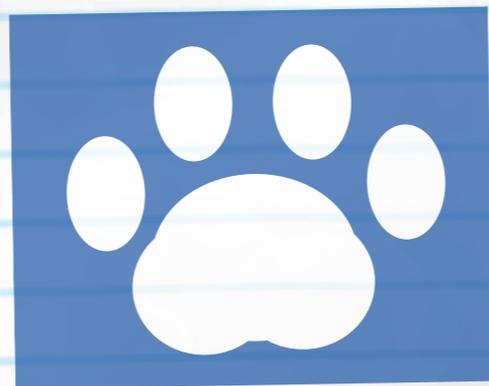
ACHIEVE A REPRESENTATION OF RACES  
ENROLLED IN AP COURSES PROPORTIONAL TO  
THE AMOUNT ENROLLED IN SCHOOL

# 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

# Principál 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"> <li>Improve overall school score (+)</li> <li>Increase Budget (+)</li> <li>Best Practices (+)</li> <li>Recognition (+)</li> </ul>
	Assessment Team	The group of faculty and staff that work to assess student progress	<ul style="list-style-type: none"> <li>Improve overall school score (+)</li> <li>Increase Budget (+)</li> <li>Staff (+)</li> </ul>
S E C O N D A R Y	Low Socioeconomic Students	Recipients of free and reduced lunches.	<ul style="list-style-type: none"> <li>College Preparation</li> <li>College Credit</li> <li>Weighted GPA</li> </ul>
	Minority Students	Non-Whites	<ul style="list-style-type: none"> <li>College Preparation</li> <li>College Credit</li> <li>Weighted GPA</li> </ul>
	Faculty	Teachers at the University High School.	<ul style="list-style-type: none"> <li>Improve overall school score (+)</li> <li>Increase Budget (+)</li> <li>Compensation (+)</li> </ul>
	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"> <li>High standards of academic excellence (+)</li> <li>Encouraging students, school staff, parents, and the community working together (+)</li> <li>Recognizing students for their achievements (+)</li> <li>Fostering staff development for our teachers (+)</li> </ul>
	Parents	The parents of the minority and low socioeconomic students	<ul style="list-style-type: none"> <li>College Credit</li> </ul>

# 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?

