



UCCI Course Ignite Academy Growth

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“If we continue to under produce college-educated workers, the large and growing gap between the earnings of Americans of different educational attainment will grow even wider.”

GEORGETOWN UNIVERSITY, CENTER ON EDUCATION AND THE WORKFORCE

Presentation Overview

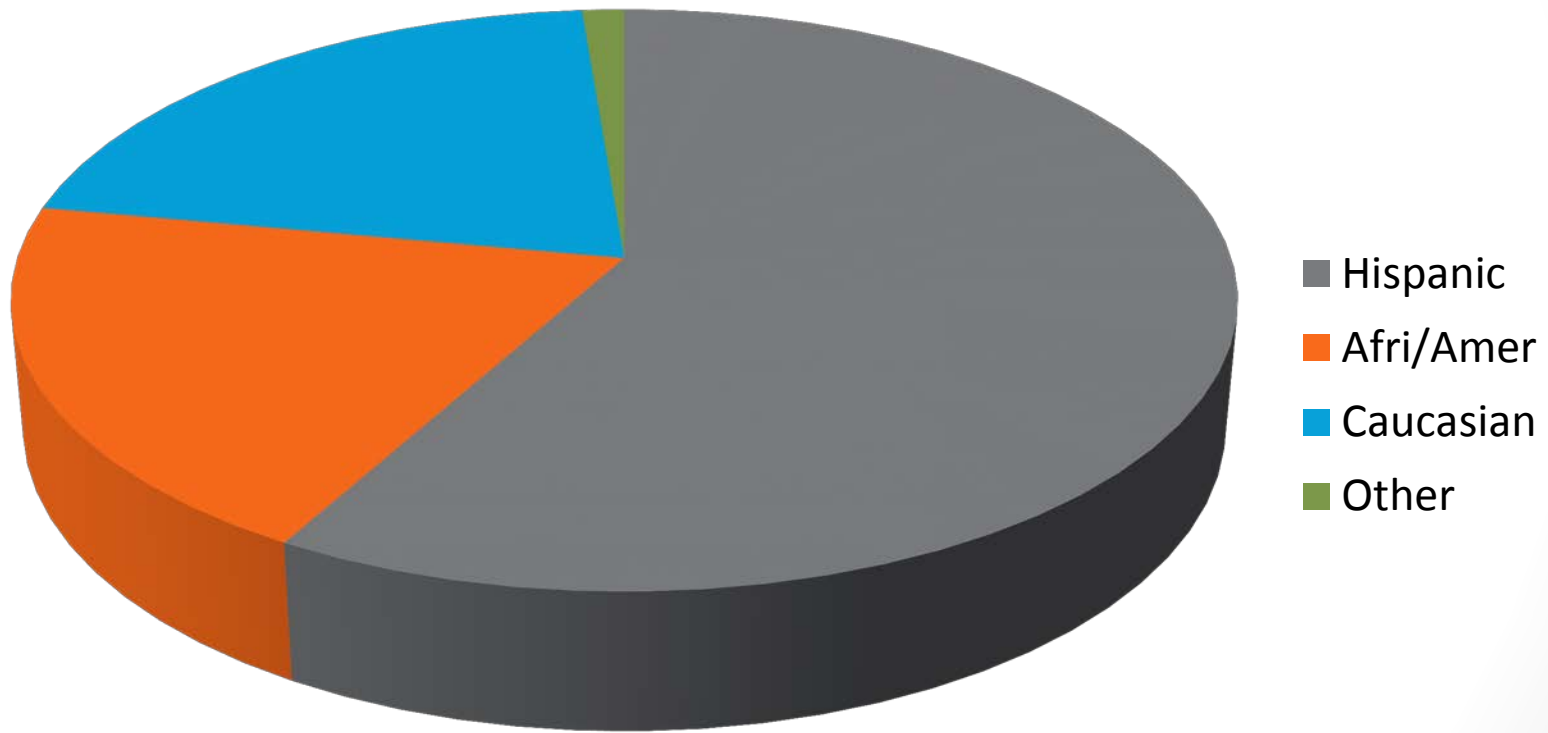
- Rationale for strategically placing UCCI courses in Programs of Study
- Timeline for expansion of UCCI courses
- District support for development and implementation into LCAP
- Student data
- Teacher support and expertise
- Lessons learned



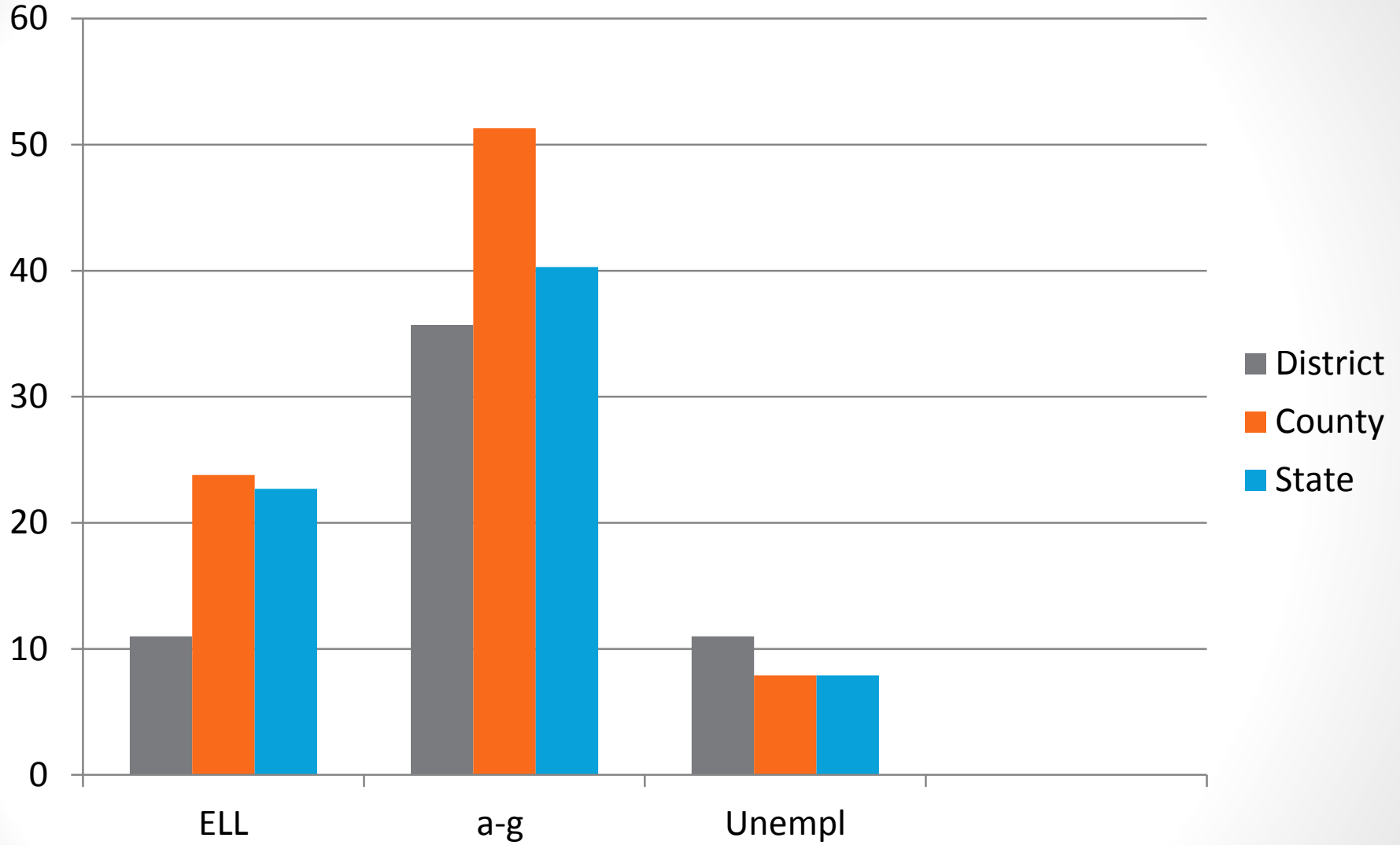
Our mission is to provide a safe and secure learning environment that promotes a **rigorous curriculum** and enables our students to develop the necessary academic, technical, and work-related **skills of the 21st century**. **Every student** who graduates will be prepared to pursue college and any career to which he/she aspires.



AVUHSD Demographics



Why UCCI?



Curriculum/Program of Study

- Linked Learning AB 790 Pilot District
- Alignment of UCCI Courses with academies and pathway: Green Enterprise Academy, Law and Government Academy, Health Careers Academy, Falcon Academy of Sustainable Technologies, Digital Design and Engineering Academy, Agriculture and Environmental Science Academy
- 35 courses articulated with Antelope Valley College
- Industry sector meetings aligned courses within pathways throughout district requirement a-g, articulated, certification
- Virtual Academy that includes CTE pathways

UCCI Aligns with LCAP

- College and Career Readiness: Ensure students are academically proficient and prepared for college AND career
- 21st Century: Provide learning environments and rigorous curriculum that allows students to have multiple experiences and opportunities for academic, collegiate and professional growth.

Timeline



2010-2013

UCCI Institutes,
Identified teacher
leaders and
encouraged them to
apply; 7 teachers

2011

Communication

Principals, Ed Services,
Academies, Industry
Sector

Joyce identified as
liason

2014

Implementation

Offered two courses
academies

Acceleration 2015/16

Course	Academy /Pathway
Agriscience Systems Management	Agriculture and Environmental Science
English 10: Awareness and Ethics in Law and Public Safety	Law and Government Academy
Chemistry Environmental Engineering Water We Doing	Digital Design and Engineering (Green CPA Grant)
Integrating Marketing and English	Green Enterprise Academy
Native Speakers Spanish 3 for Health Careers	Health Careers Academy

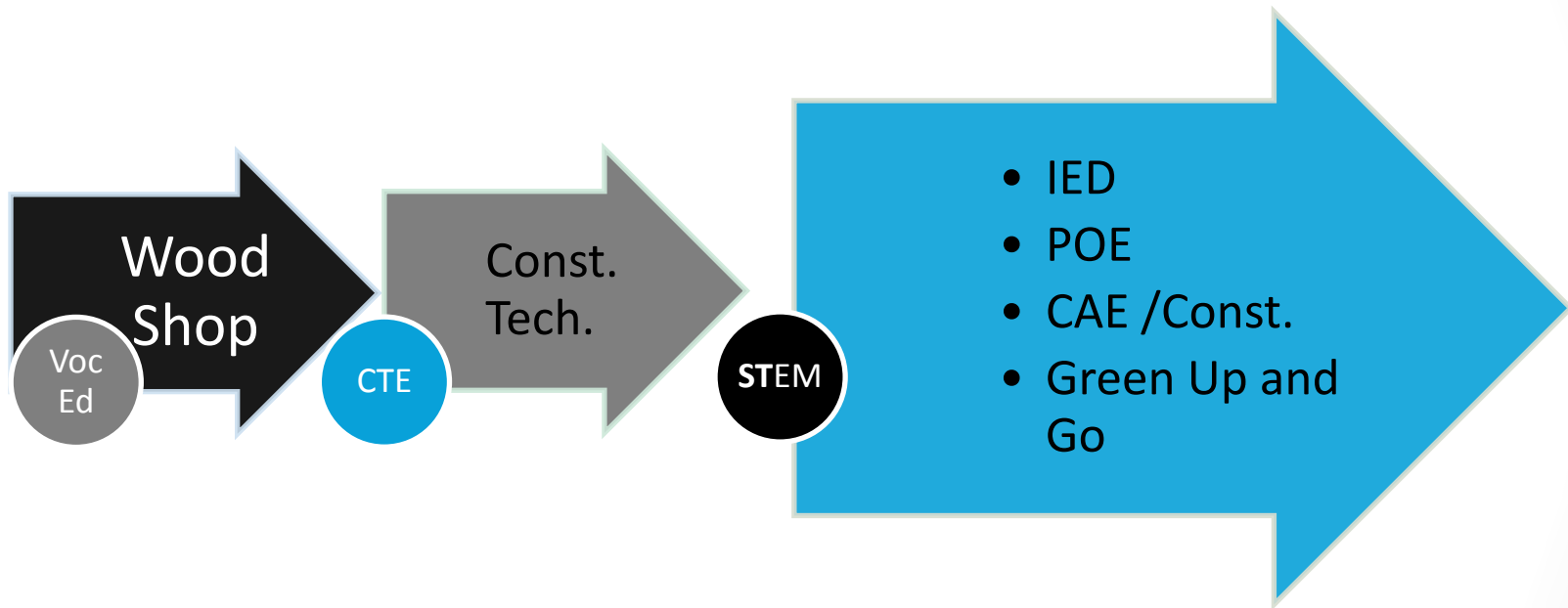
CPA Academy/Green Energy

**Digital Design
Engineering
a-g**

**SKILLS USA
Maker Space
Project Base
Internships**

**New KHS Prep
Academy
Biological
Links**

Transitioning to College and Career

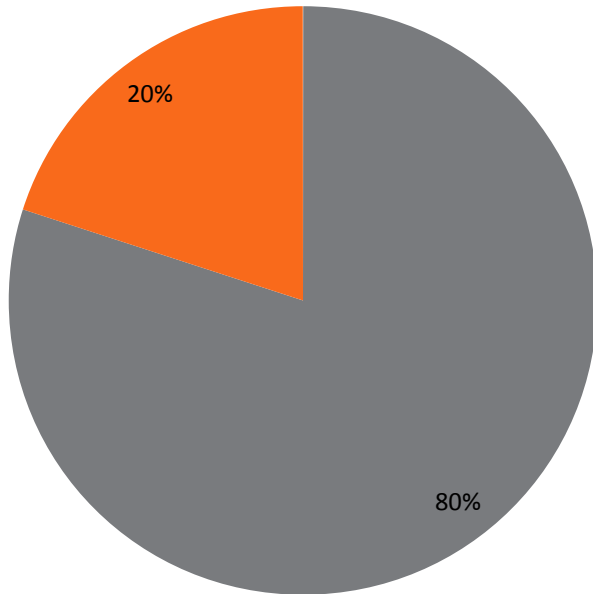


LEVELS	GRADE	English/ Language Arts	Math	Science	Social Studies	Career Technical Education Courses	Other Required Courses or Recommended Electives
						(all courses a-g)	
SECONDARY	9	English 9 English 9 Honors	Algebra 1	Biological Links to Energy and the Env. (UCCI)		Intro to Engineering Design	Healthful Living (online or summer) PE
	10	English 10 English 10 Honors	Engineering in Geometry with Physics (UCCI)	Computer Science Technology	World History	Principles of Engineering	Multi Media Design *(Art) Foreign Language PE (summer)
	11	English 11 English 11 AP	Algebra 2 for the 21 st Century (UCCI)	Chemistry Chemistry AP	US History US History AP	Civil Architecture and Engineering Construction Techn.	Foreign Language
	12	English 12 English 12 AP	SMAP* Calculus AB	Green Up & Go (UCCI; Physics)	Civics/Economics Civics/Economics AP	Engineering, Design and Development	Foreign Language

Demographics

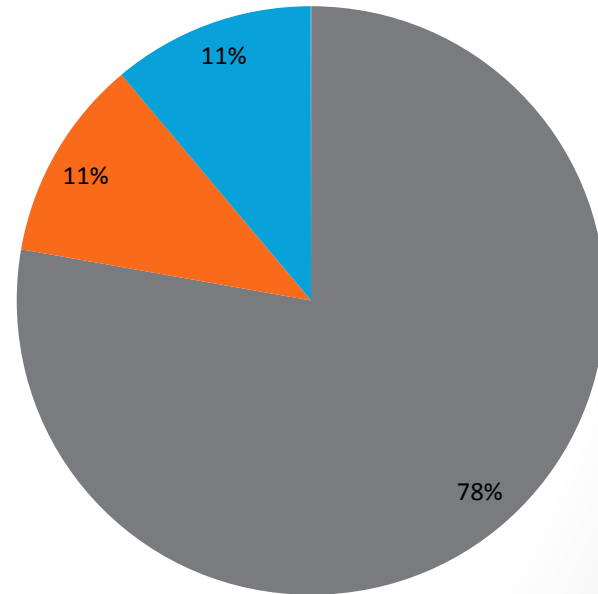
Green Up and Go

■ Hispanic ■ White

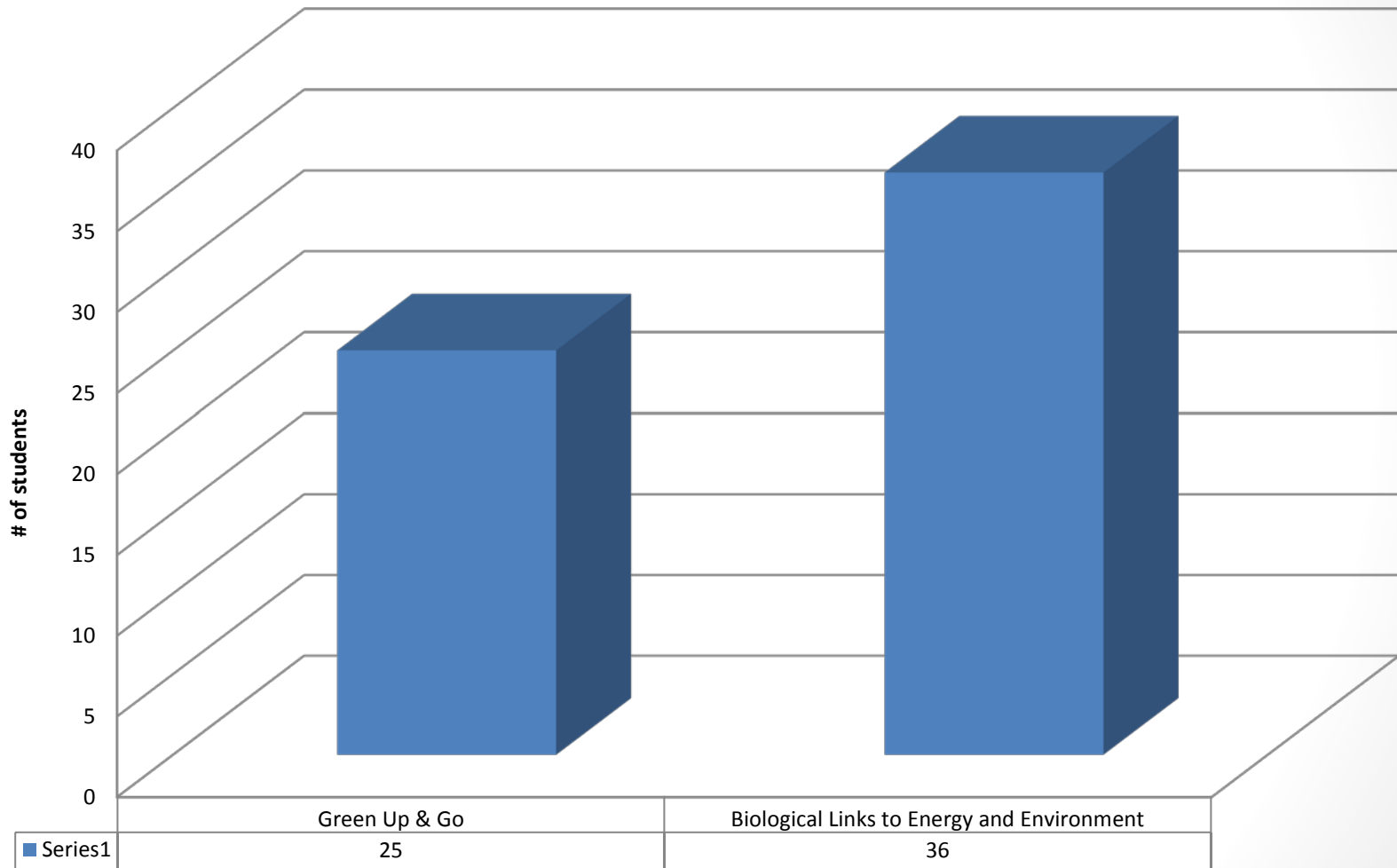


Biological Links to Energy and Environment

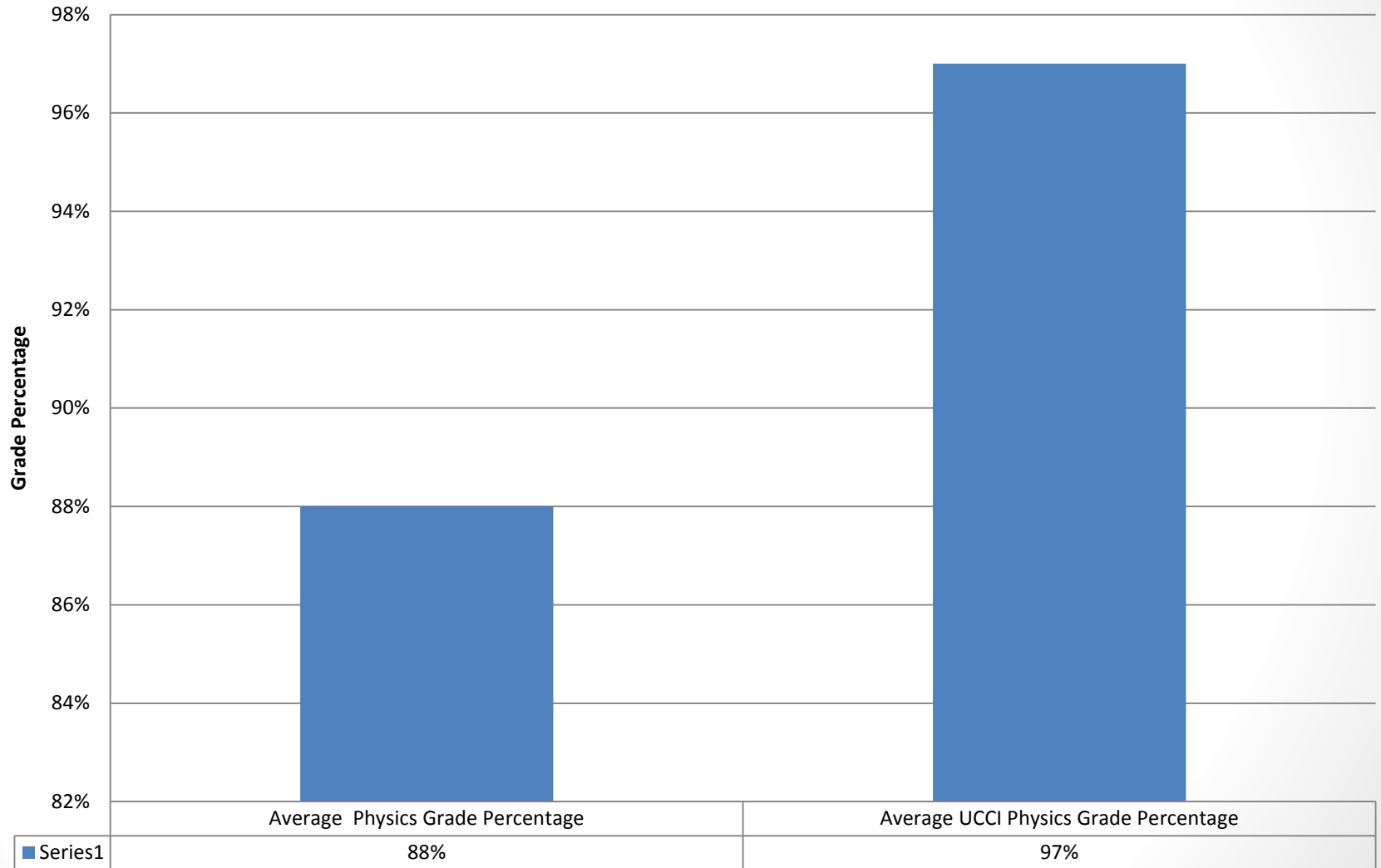
■ Hispanic ■ African American ■ White



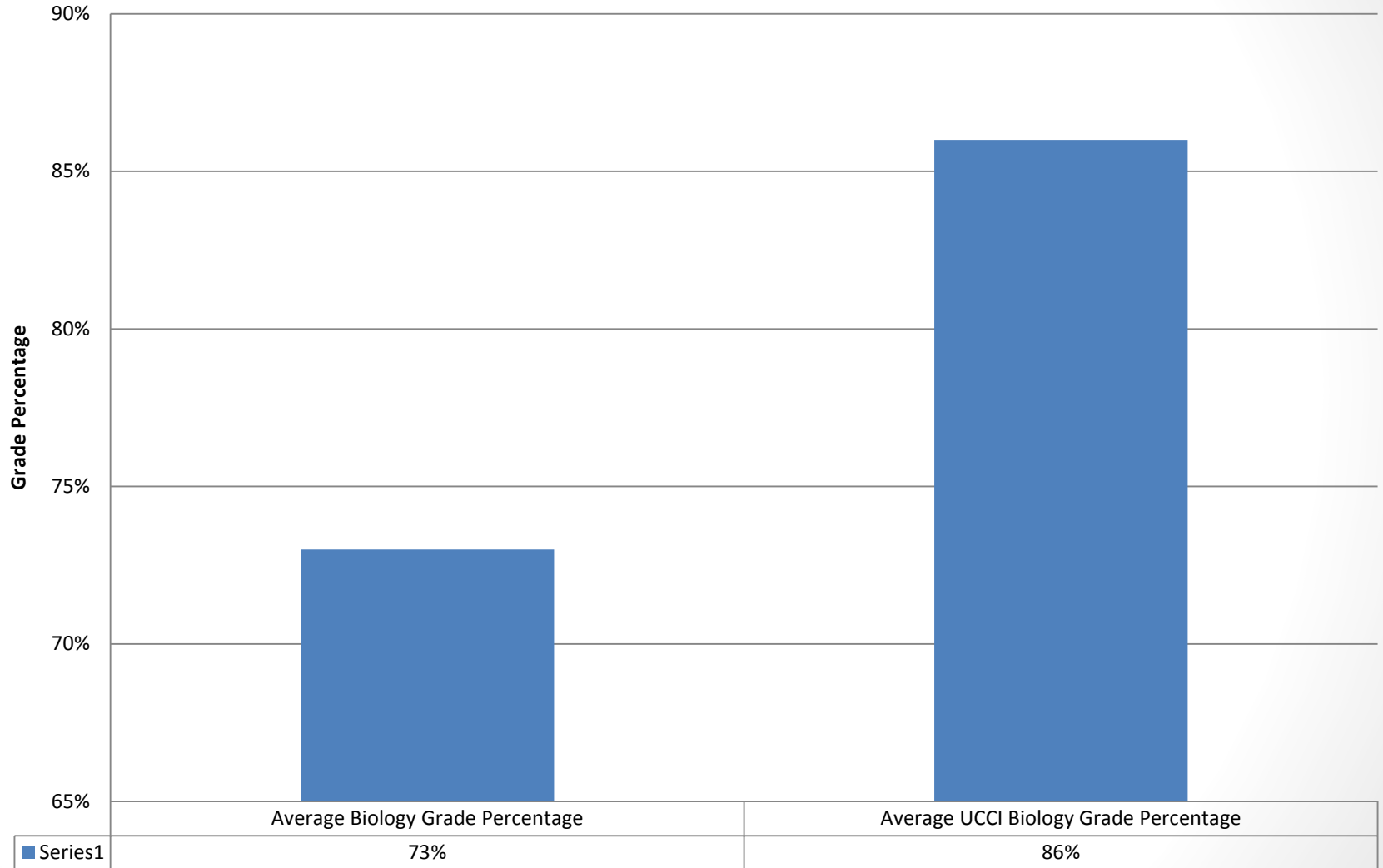
2014 UCCI Course Enrollment



Physics GPA Comparison



Biology GPA Comparisons



The Beginning: Teacher Support

- Course Search – UCCL; already approved “A-G”
- Course Revision – Modify to meet needs of student/pathway/academy
- Course Writing – Start from scratch or existing course outline

The Process

- Meet with teacher(s) to discuss course submission template
- Check for rigor—purpose
- Ask questions to clarify and focus on expected outcomes
- Check Key Assignments (activity vs assignment)
- Submit course to Director for preview
- Place into the UC Portal
- Attach Labor Market Review
- Submit for School Board Approval

Lessons Learned

- Have a vision for courses
- Lay the groundwork
- Teachers are key to implementation
- Align courses with CTE sequence, benefit the students
- Address credentialing issues

Questions?

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