

Building New Pathways for Maryvale Students to Achieve College Credit

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Meeting Our Students' Needs: Creativity is Needed!

- Students graduate high school seeking a variety of pathways:
 - Direct entry into the Workforce
 - Trades
 - Military
 - 2-Year College
 - 4-Year College
- The challenge school districts always face is how to meet those needs within the limitations of school budgets

Meeting Students' Needs: Creativity is Needed!

- Maryvale has worked hard in the past decade to provide our students a wide programmatic offering:
 - All students who want to attend Harkness for training in the trades can attend
 - We work with Military recruiters
 - We have increased the number of Advanced Placement courses we offer from two to five.
 - We have increased our college articulation agreements to where we now partner with 3 colleges, offering 18 different classes (from 6), totalling 54 college credits (from 12) for students to receive prior to graduation.

From 2015 to Today: 3x the Sections and Credits Offered

Content Area	Course	Institution	Program	Sections in 2015	Sections in 24-25	#credits
					18	54
Science	Anatomy & Physiology	Niagara University	NUSTEP	2	1	4
Technology	DDP Design and Drawing for Production	RIT	PLTW		1	3
Technology	CIM Computer Integrated Manufacturing	RIT	PLTW		1	3
Technology	DE Digital Electronics	RIT	PLTW		1	3
Technology	PoE Principles of Engineering	RIT	PLTW		1	3
Mathematics	Calculus I	Niagara University	NUSTEP	2	2	4
Mathematics	Calculus II	Niagara University	NUSTEP		1	4
Mathematics	Statistics	Niagara University	NUSTEP		1	3
Social Studies	Principles of Macroeconomics	Niagara University	NUSTEP	1	1	3
Social Studies	Introduction to American Government	Niagara University	NUSTEP	1	1	3
Business	Informational Computing INFT 124	Bryant & Stratton	Jump Start		1	3
Business	Principles of Hospitality & Tourism HM 101	Bryant & Stratton	Jump Start		1	3
Business	Hospitality Marketing BUSS 102	Bryant & Stratton	Jump Start		1	3
Business	College Success Skills SOCS 200	Bryant & Stratton	Jump Start		1	3
Business	Sales and Service BUSS 210	Bryant & Stratton	Jump Start		1	3
Business	Event Planning	Niagara University	NUSTEP		1	3
Business	Business Industry & Tourism	Niagara University	NUSTEP		1	3

But We Want to do More.....

- This article about **The National Education Equity Lab** inspired me to look into a creative way to help all students obtain college credit while in high school:
(<https://www.forbes.com/sites/michaelnietzel/2024/11/26/the-ed-equity-lab-a-leading-college-pipeline-achieves-great-success/>) (<https://edequitylab.org/>)
- The article describes how the Lab, a nonprofit organization, became the nation's leading model for how to prepare students to enroll and succeed in college
- The Lab partners with many of the premier colleges and universities across the country to create opportunities for high school students to take courses and receive college credit at little to no cost

The Partnership Takes Shape

- The Lab usually partners with much larger school districts and that districts are invited to participate, but I emailed contacts at Stanford University at the beginning of January and indicated my interest in bringing this program to Maryvale
- Stanford put me in contact with the Chief Higher Education Officer at the Lab and we set up a meeting for January 22nd
- Jeff Hazel, Jon Lattanzio, and I met with Steve Sandak, the Chief Growth and Data Officer and as a result of that meeting, Steve welcomed Maryvale as a partner

What does The Lab offer and How does it Work?

- The Lab develops partnerships with some of America's elite colleges and Universities, including:
 - Harvard
 - Brown
 - Penn
 - The Wharton School
 - Stanford
 - Howard
 - Georgetown
 - Barnard
 - Spelman
 - University of California
 - Arizona State
 - Vanderbilt and Dartmouth are working on coming aboard soon
- In 24-25, these were the courses Districts could offer their students:
<https://drive.google.com/file/d/1nPG6UmikBxwlChMqJpa092NbuPnHxyTN/view?usp=sharing>

What does The Lab offer and How does it Work?

- Districts are invited to the partnership by the Lab
 - (Maryvale was not- we sought out the partnership)
- The High School selects teachers who assist the college faculty in offering the classes and select the students, typically about 25 per course
 - The students the National Education Equity Lab seeks are not just traditional 'honor roll' students aiming for college credit. They are talented individuals of all abilities whom educators believe can thrive in rigorous college courses when given the opportunity.
- The courses are taught as dual-enrollment classes where students receive both college and high school credit

What does The Lab offer and How does it Work?

- Classes are taught by Maryvale teachers in conjunction with college faculty members
- The college instructors deliver content asynchronously via video and hold office hours through Zoom
- University graduate and undergraduate students who serve as teaching assistants lead weekly live discussions with Maryvale students and assist the faculty with course grading and also mentoring students about college
- When the high school students pass the course- about 80% do across the nation in this program- they earn widely transferable college credits

What are some Data about the Program

- According to Johns Hopkins Professor Robert Balfanz, this program is one of “the most impactful education efforts we’ve seen in the last 25 years.”
- Since 2019, the Lab has served more than 33,000 students in 32 states
- In 24-25, nearly 16,000 students in more than 400 high schools across the country will be served
- Research by Professor Balfanz shows that high school student’s 1st and 2nd year persistence in college:
 - Significantly exceeds students who were not in the program and also higher than the national average
 - Surpasses the college persistence of students who took Advanced Placement or other forms of dual enrollment classes in high school

Next Steps

- District and School leaders will meet with Equity Lab to “onboard” and to set the plan for a “Pilot” course for the 25-26 school year.
- We are going to apply for the Wharton School of Business “Essentials of Personal Finance” course.
 - In conjunction, we are also planning on building in a personal finance class for all Maryvale High School students beginning in 26-27.
- Building off of the pilot, we will also look to expand our classes through the Ed. Equity partnership.

QUESTIONS?