



# 2021-2022 College Admissions Profile

**Metro Early College High School 1929 Kenny Rd. Columbus, OH 43210 614-259-6639**

**Executive Director:** Meka Pace

**Administrators:** Krista Miller and Benjamin McKibben

**CEEB Code:** 365204

**School Counselors:** Corey Boyer and Carla Farwig

## What is Metro?

Established in 2006, Metro Early College High School was born out of the desire of both The Ohio State University and Battelle Memorial Institute to create a "small" STEM (Science, Technology, engineering and Math) school with a big footprint. Metro was the first higher education (OSU), business (Battelle) and K-12 partnership for STEM learning in Ohio. With a growing interest for STEM education in Columbus Ohio, Metro expanded its footprint to include a 6<sup>th</sup>-8<sup>th</sup> grade program. The Metro model, not only includes a STEM-centric curriculum, but also provides early access to authentic college experiences. In lieu of traditional AP or IB programs, Metro students take college level coursework, in a collegiate environment, with traditional college students. Most Metro graduates earn between 25-30 college credits, and many also leave with stackable credentials. Metro Early College High School serves as the platform school for the Ohio Stem Learning Network (OSLN) and is the model for Race to the Top programs in Ohio, Tennessee, New York, North Carolina and Texas.

## Admissions:

Admission to Metro is non-selective. Interested students from across the state of Ohio apply, and admission is offered based on a lottery draw. Selected applicants then interview with current Metro faculty, students, and families to determine if Metro is the best fit. Currently, 30 different school districts from 9 different counties are represented, with about half coming from the largest district in central Ohio (Columbus City Schools).

## COVID 19 information:

At the onset of the COVID 19 outbreak, Metro classes transitioned to a virtual format. At Metro, monthly virtual classes have been a common practice for several years. While the transition wasn't seamless, our school had the platform and resources already in place to make this adjustment. For the spring semester of 2020, students were given the option of continuing with our mastery grading system or choosing a pass/fail grading option for each of their classes. Metro has started the 2021-2022 school year in-person with the mastery grading system in place.

## 2021 - 2022 Student Body Demographics

Male – 50.28%

Female – 49.72%

Free/Reduced Lunch – 32.46%

Special Needs – 7.48%

ESL – 11.55%

Asian – 10.34%

Black, non-Hispanic – 41.14%

Hispanic – 3.85%

American Indian – 1.43%

Multiracial – 6.27%

White, non-Hispanic – 36.96%

## Our Community:

At Metro schools it is our desire to develop young adults who are connected to their communities and practice their citizen responsibility. Each year, Metro students must complete a minimum of 70 service hours to have a greater understanding of our larger community needs. As proximity to a college campus is vital to our school model, each Metro school is located on a college campus.

Metro Early College High School is located in Columbus, Ohio on the campus of the Ohio State University. Students travel from all around the state of Ohio to attend school at Metro.

While we have opened satellite campuses for specific programming (MIT @ Franklin University) each satellite has operated under the ownership of Metro and operated as one school with one reporting number.

Metro students are welcomed into the college environment by participating in scavenger hunts to better learn OSU's campus; they work and learn from OSU faculty, staff and students and they take college classes with traditional college students at the university.

## Our Vision & Mission:

Our vision is to provide a small and intellectually vibrant learning community designed to serve students who want a personalized learning experience that prepares them for a connected world where math, science, and technology are vitally important. Metro has a holistic approach to educating the students – focusing on cognitive, social, emotional and physical development through experiential learning, service learning and family and community support. Our mission is to have all members of the Metro community seek to improve their practice of the Metro Habits of Heart and Mind: 1) Effective Communicator 2) Inquiring Learner 3) Active and Responsible Decision Maker 4) Effective Collaborator 5) Critical Thinker 6) Engaged Learner

## Average Standardized Test Results

SAT	Metro	Ohio	National
Math	637	616	585
EBRW	641	607	580

ACT	Metro	Ohio	National
English	22.4	17.6	20.1
Math	21.6	18.9	20.4
Reading	23.2	19.5	21.2
Science	22.2	19.3	20.6
Composite	22.5	18.9	20.7

# Curriculum



**Core HS Requirements:** Students complete all high school requirements in Math, Science, English, Social Studies, Health/PE, Art and Foreign Language. Metro's accelerated curriculum provides students the opportunity to earn 9 credits per year: four Fall Semester, one in the January Short-Term, and four Spring Semester. Core courses focus on mastery of content through innovative, hands-on, project-based learning.

## Course Catalog:

### Math:

Algebra I, Geometry, Statistics, Algebra II, Trigonometry, Pre-Calculus, Calculus

### English:

College Reading (9), College Writing (10), Literary Analysis (11), American/World Lit. (12), Scientific Writing and Research

### Science:

Energy and Matter, Biology, Chemistry, Environmental Science, Physics, Human Body Systems (Anatomy), Environmental Justice, Clean Energy Systems, Medical Interventions

### Social Studies:

American History, Government, Economics, Entrepreneurship, World Studies

### Technology:

Robotics, Mechatronics, Advanced Mechatronics, Exploring Computer Science, Computer Science Principles

### Foreign Language:

Rosetta Stone online language courses (Spanish I,II, French I, German I)

### Art:

Introduction to Fine Arts, 3D Art

### Health/PE:

Wellness, NEAT (Nutrition, Exercise, Athletic Training)

### Internship:

Business Research Internship

### Research:

Capstone Research

**Mastery Learning:** Students must earn a 90% or higher to earn credit in a course. Below 90% will be converted to letter grades at the beginning of the senior year.

## Grading Scale

Grade	%	Pts.
<b>A</b> <b>(Mastery)</b>	100 – 90%	4
<b>B</b>	89 – 80%	3
<b>C</b>	79 – 70%	2
<b>D</b>	69 – 60%	1
<b>F</b>	59% - Below	0

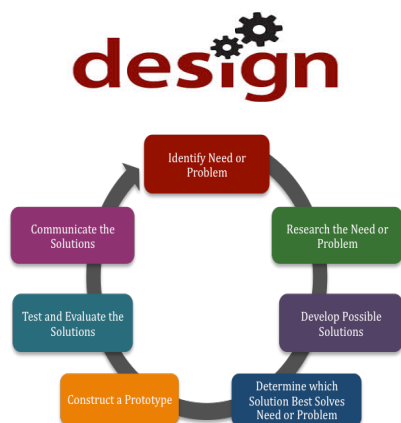
\*All college coursework is weighted on a 5.0 scale

**Gateway:** Once students have successfully earned mastery in the majority of their core high school requirements (Math, English, Science, Social Studies, Health/PE, Art, and Foreign Language), they begin a curriculum focused on early college access, internships, and research opportunities. Before students begin college coursework, they give a Gateway presentation defending their readiness for college. The six "Metro Habits of Heart and Mind" - Effective Communicator, Inquiring Learner, Active and Responsible Decision-Maker, Effective Collaborator, Critical Thinker, Engaged Learner, - and the student's utilization of those habits in their coursework/life are the focus of the presentation. Metro faculty, parents, peers, and community members attend Gateways. In order to pass, all parties must agree that the student has proven readiness for college.

## Early College Programs:

After successfully completing the Gateway, students choose an Early College Pathway (ECP). ECPs introduce students to college-level coursework, on a college campus, with college faculty and traditional college students. The ECPs provide students with additional support during the transition to college, by registering them in courses with a cohort of their peers, and having a designated high school teacher and college advisor to assist with scheduling, orientation, organization, and finding additional resources. All ECPs incorporate advanced high school coursework, college coursework, and internships/ career exploration.

# design



**DESIGN:** students explore careers in Engineering, Manufacturing, Logistics, Construction Management, Industrial Design, and Architecture. Through participation in the program, and depending on the path they choose, students have the opportunity to earn an Associates Degree (in a technical field), or to participate in collegiate-level research with college professors and/or area businesses.

# bodies



**BODIES:** students explore careers in Medicine, Nursing, Veterinary Medicine, Dentistry, Optometry, Physical Therapy, Respiratory Therapy, Multi-Skilled Health Care, and other Health Sciences. Through participation in the program, and depending on the path they choose, students have the opportunity to earn an Associate's Degree (in Multi-skilled Health), or to participate in collegiate-level research with college professors, doctors, and/or area hospitals and medical facilities.

# growth



**GROWTH** is an early college pathway for students interested in exploring the fields of Agriculture, Nutrition, Communications, Culinary Arts and/or Business & Entrepreneurship. Through participation in the program, and depending on the path they choose, students have the opportunity work towards an Associate's Degree (in Culinary Arts), or to participate in collegiate-level research with college professors, local restaurants, and/or area businesses.

**DIGITAL:** students explore careers in Computer Science, Interactive Media, Digital Video & Sound Production, Animation, and Video Game Design. Through participation in the program, students have the opportunity to earn an Associate's Degree (in one of the fields above), and to do internships with area non-profit organizations, local arts organizations, and businesses.

# digital



# energy



**ENERGY:** students explore careers in Environmental Science & Sustainability, Earth Sciences, Economics, Global Geography, and Public Policy. Through participation in the program, students have the opportunity to affect real change in their communities, by influencing public-policy, and to participate in collegiate-level research with college professors, area businesses, and local government officials.

## Full Time College:

After successfully completing their Early College Program, students generally take a full load of college classes. Students work with a college advisor to develop schedules based on their long-term academic goals (or to finish their Associate's Degree). Each year, more than half of Metro's 4th year students take a full load (12+ credit hours per semester) of college courses. 80-90% of the students in every graduating class complete at least one college course before graduation.

# Metro Early College Class of 2021

*Graduates: 151*

*4-Year College: 117*

*2-Year College: 29*

*In-State College: 121*

*Out-of-State College: 25*

*4 students are doing a gap year/other programs*

Metro students have been offered admission to and attended many prestigious colleges/universities, including but not limited to, the ones listed below:

(Names in bold indicate colleges to which graduates of the Class of 2021 matriculated)

<ul style="list-style-type: none"><li>• <b>Academy of Art University</b></li><li>• Arizona State University</li><li>• Baldwin Wallace University</li><li>• Ball State University</li><li>• Baylor University</li><li>• Bellarmine University</li><li>• Boston College</li><li>• Boston University</li><li>• <b>Bowling Green State University</b></li><li>• Brandeis University</li><li>• Brigham Young University - Provo</li><li>• Brown University</li><li>• California University of Pennsylvania</li><li>• <b>Capital University</b></li><li>• Cedarville University</li><li>• <b>Central State University</b></li><li>• Case Western Reserve University</li><li>• <b>Coastal Carolina University</b></li><li>• <b>College of Wooster</b></li><li>• <b>Colorado State University</b></li><li>• Columbia University</li><li>• Columbus College of Art and Design</li><li>• <b>Columbus State Community College</b></li><li>• Connecticut College</li><li>• Cornell University</li><li>• <b>Denison University</b></li><li>• DePaul University</li><li>• DeVry University</li><li>• Drexel University</li><li>• Duke University</li><li>• Earlham College</li><li>• Eastern Michigan University</li><li>• Eckerd College</li><li>• Elon University</li><li>• <b>Florida A&amp;M University</b></li><li>• Florida Gulf Coast University</li><li>• Florida Institute of Technology</li><li>• Florida State University</li><li>• Franklin University</li><li>• George Mason University</li><li>• Georgia State University</li><li>• Goucher College</li><li>• Harvey Mudd College</li><li>• Hiram College</li><li>• Hocking College</li></ul>	<ul style="list-style-type: none"><li>• Howard University</li><li>• Illinois Institute of Technology</li><li>• <b>John Carroll University</b></li><li>• <b>Kent State University</b></li><li>• <b>Kentucky State University</b></li><li>• Kenyon College</li><li>• Lafayette College</li><li>• Lehigh University</li><li>• Loyola University</li><li>• Northeast Ohio Medical University</li><li>• Macquarie University, Australia</li><li>• Marietta College</li><li>• Marquette University</li><li>• McGill University, Canada</li><li>• <b>Miami University</b></li><li>• <b>Michigan State University</b></li><li>• Massachusetts Institute of Technology</li><li>• Morehouse College</li><li>• Mount Carmel College of Nursing</li><li>• Muskingum University</li><li>• New College of Florida</li><li>• New York Institute of Technology</li><li>• <b>New York University</b></li><li>• <b>North Carolina A&amp;T State University</b></li><li>• North Carolina State University</li><li>• Northeastern University</li><li>• Northern Kentucky University</li><li>• Northwestern University</li><li>• Oberlin College</li><li>• Ohio Dominican University</li><li>• Ohio Northern University</li><li>• <b>Ohio University</b></li><li>• Ohio Wesleyan University</li><li>• <b>Olin College of Engineering</b></li><li>• <b>Otterbein University</b></li><li>• <b>Parsons School of Design</b></li><li>• <b>Pennsylvania State University</b></li><li>• Pratt Institute</li><li>• <b>Purdue University</b></li><li>• Reed College</li><li>• Rensselaer Polytechnic Institute</li><li>• Ringling College of Art &amp; Design</li><li>• Roanoke College</li><li>• Rochester Institute of Technology</li><li>• Rose-Hulman Institute of Technology</li></ul>	<ul style="list-style-type: none"><li>• Sarah Lawrence College</li><li>• Seton Hall University</li><li>• Smith College</li><li>• <b>South Carolina State University</b></li><li>• Spelman College</li><li>• Stanford University</li><li>• St. John's University</li><li>• <b>St. Mary's College of California</b></li><li>• Syracuse University</li><li>• Tennessee State University</li><li>• Texas A&amp;M University</li><li>• <b>The Ohio State University</b></li><li>• Tiffin University</li><li>• Tufts University</li><li>• Tulane University</li><li>• <b>U.S. Military Academy at West Point</b></li><li>• <b>University of Akron</b></li><li>• University of Alabama</li><li>• University of Arizona</li><li>• University of California</li><li>• <b>University of Chicago</b></li><li>• University of Cincinnati</li><li>• <b>University of Dayton</b></li><li>• University of Denver</li><li>• University of Findlay</li><li>• University of Georgia</li><li>• University of Illinois</li><li>• <b>University of Kentucky</b></li><li>• University of Massachusetts</li><li>• <b>University of Miami</b></li><li>• University of Michigan</li><li>• University of Minnesota</li><li>• <b>University of Nebraska (Lincoln)</b></li><li>• University of North Carolina</li><li>• University of Pittsburgh</li><li>• <b>University of Rochester</b></li><li>• <b>University of South Florida</b></li><li>• University of Tampa</li><li>• University of Toledo</li><li>• <b>University of Washington</b></li><li>• University of Wisconsin</li><li>• <b>Wilberforce University</b></li><li>• Wittenberg University</li><li>• Wright State University</li><li>• <b>Xavier University</b></li></ul>
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## Honors & Scholarships:

- 45% of the class of 2021 earned the state Academic Honors and/or STEM Honors Diplomas
- 3 members of the class of 2021 were semifinalists in the National Merit Scholarship Competition

## Contact Information:

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