Metro Schools

Early College Experiences

Misty Kemp, OSU Academic Advisor
Corey Boyer, School Counselor & CSCC Coach
Jasmine Stephenson, MIT School Counselor
Liz Mechling, MECHS School Counselor
Metro Curriculum Phase 1: Core HS Requirements

To receive a HS Diploma in the state of Ohio, all students must earn a minimum of 20 credits:

- English = 4 (English 9, 10, 11, and 12 (or Scientific Writing))
- Math = 4 (Algebra 1, Algebra 2, Geometry, and Trigonometry (or Statistics))
- Science = 3 (Biology, Chemistry, and Physics (or Energy & Matter))
- Social Studies = 3 (American History, Government, and Economics (or Entrepreneurship))
- Art = 1 (Fine Art or 3D Art)
- Wellness = 1 (.5 credits of PE and .5 credits of Health)
- Electives = 4 (Foreign Language, Internship, Mechatronics, Capstone, etc.)

Once students have earned at least 16 credits of these CORE HS requirements (at Mastery), then they are ready to do a Gateway Presentation, and move to the next phase of the Metro curriculum: Early College Experiences...
What is a Gateway?

Gateway is a presentation where students defend their readiness for Early College Experiences.

Who should do a Gateway?
- Students who have completed at least 16 high school credits at mastery
  - Confirmed by school administration
- Ready for college coursework
  - Maturity
  - Motivation
  - Academic Ability

What’s needed for a Gateway?
- Student presentation (advisor will have requirements)
- Student Advocate
- An Adult Advocate (in addition to parents)
- Parents must be in attendance
Metro Curriculum Phase 2: Early College Experiences

What? Early College Experiences introduce students to college-level coursework in STEM fields, with the added benefit of a cohort of peers, and with additional support from the high school. They help students with the transition to college, but more importantly provide them with opportunities to gain real-world experiences.

Why? These experiences are what set Metro students apart from other HS students. Most HS students have the opportunity to earn college credit while in HS (AP, CCP, etc.), but not many of them have the opportunity to work with professionals in the field, doing research, and working with patients. These are the things that competitive admission Colleges/ Universities will find impressive, that companies are looking for, and employers want. Metro wants every student to leave HS with a diploma AND either a Capstone experience or at least one certification on their resumes.

Where? Metro has developed partnerships and pathway programs with The Ohio State University and Columbus State Community College.

When? Once students have earned Mastery in a minimum of 16 Core High School courses, and have successfully completed a gateway presentation, then they are ready.
2019–2020 Experiences

Experiences w/ The Ohio State University

❖ **BODIES** (Capstone Project in Health Sciences) - 2 Semesters
❖ **DESIGN** (Capstone Project in Engineering) - 2 Semesters
❖ **GROWTH** (Capstone Project in Agribusiness) - 2 Semesters
❖ **ENERGY** (Research Project in Sustainability) - 2 Semesters

* OSU is a competitive admissions school, with higher entrance requirements, and students must be admitted to participate. Students should have Mastery in at least 16 Core HS credits, and not have any Ds or Fs on their transcripts, to be eligible. Students are encouraged to take an ACT or SAT test, but are not required to have a score before applying.

Experiences w/ Columbus State Community College

❖ **MULTI-SKILLED HEALTH** (Clinical Laboratory Assisting Certificate) - 1 Semester
❖ **ENGINEERING TECH** (CAD Technician Certificate) - 2 Semesters
❖ **CULINARY** (SafeServe Certificate) - 1 Semester
❖ **INTERACTIVE MEDIA** (Adobe Illustrator Certificate) - 2 Semesters
❖ **IT TECH** (IT Support & IT Tech Stackable Certificates) - 2 Semesters

** Optional 5th year – Metro students pursuing an Associates Degree with CSCC, may opt to stay for a 5th year if the following criteria is met: 1) they have 15 or less credits that they need to complete their degree 2) they want to participate in a part-time apprenticeship with a business or healthcare facility **
BODIES: Pre-Pro w/ OSU

- For students interested in exploring Pre-Professional Health fields (Medicine, Dentistry, Optometry, Pharmacy, Physical Therapy, and Veterinary Medicine)
- Students take college-level Biology, Medical Terminology, & BioEthics
- Research opportunities include working with professionals at the OSU Wexner Medical Center, Nationwide Children’s Hospital, OSU Department of Veterinary Medicine, NanoFiber Technologies, and American Orthopedics (just to name a few)

MULTI-SKILLED HEALTH: Clinical Laboratory Assisting Cert. w/ CSCC

- Work towards an Associates Degree or transfer module
- Graduate with at least 1 stackable credential/ certification
- Hands-on experiences, with real-world application
- Internships with local businesses, hospitals/ health-care facilities (apprenticeships in optional 5th year)
**DESIGN: Pre-Engineering w/ OSU**

- Focuses on Engineering
- Students take college-level Calculus, Computer Programming & Engineering Ethics
- Research opportunities include working with professionals at OSU’s CAR (Center for Automotive Research), OSU College of Engineering, Turner Construction, Ohio Department of Transportation, Smart City Columbus, Fortin Ironworks, IC3D, and Honda of America (among others)

**ENGINEERING TECH: CAD Technician Certificate w/ CSCC**

- Work towards an Associates Degree or transfer module
- Graduate with at least 1 stackable credential/certification
- Hands-on experiences, with real-world application
- Internships with local businesses, manufacturers, and warehouse facilities (apprenticeships in optional 5th year)
GROWTH: Agribusiness w/ OSU

- Focuses on Agribusiness
- Students take college-level Plant Biology, Food Science & Economics
- Research opportunities include working with professionals at OSU Department of Food Science, Waterman Agricultural and Natural Resources Laboratory (OSU College of Food, Agricultural, and Environmental Sciences), PAST Foundation, GoZero Waste (composting), Chocolate Cafe, Higher Grounds Green Roof, and Kobolt (among others)

CULINARY: SafeServe Certificate w/ CSCC

- Work towards an Associates Degree or transfer module
- Graduate with at least 1 stackable credential/certification
- Hands-on experiences, with real-world application
- Internships with local businesses, restaurants, and hospitality industries (apprenticeships in optional 5th year)
ENERGY: Environment, Economics, & Sustainability w/ OSU

- Focuses on Environment and Sustainability
- Students take college-level Environmental Science and Geoscience
- Research opportunities including working with professionals at Franklin Park Conservatory, COSI, Local Matters, Go Sustainable Energy, OSU Byrd Polar Institute, Ohio Environmental Council, The Columbus Mayor’s Office, and the Ohio Department of Agriculture
INTERACTIVE MEDIA: Adobe Illustrator Certificate w/ CSCC
- Work towards an Associates Degree or transfer module
- Graduate with at least 1 stackable credential/certificate
- Hands-on experiences, with real-world application
- Intern/Externships with local businesses in optional 5th year

IT TECH: IT Support & IT Tech Stackable Certificates w/ CSCC
- Work towards an Associates Degree or transfer module
- Graduate with stackable credentials/certifications
- Hands-on experiences, with real-world application
- Internships with local businesses (apprenticeships in optional 5th year)
Metro Curriculum Phase 3: Student Choice

- Once students have completed a pathway program, and have either a Capstone project or Certificate for their resumes, then students can choose their college classes (based on what they want to study in college, or what colleges/ universities they want to attend).

- Students are required to meet with an academic advisor or college coach each semester to plan out and register for college coursework (most work towards completing GEs).
**College Application Timeline**

1. Determine Your Gateway Status – Now
2. OSU Autumn 2019 Application Deadline – May 1st
3. CSCC Autumn 2019 Application Deadline – May 15th
4. Complete Pathway Selection Form – April 16th
5. Complete & Pass Gateway Presentation – June

*ACT/SAT scores are not required for OSU admission, although we do recommend that students take one of those tests before starting college coursework. ACT/ SAT scores or placement test scores (through CSCC) are required for CSCC admission.

* Application packets for each college/university will be available outside of Ms. Kemp’s Office (hard copies) and on the Metro website
Points to Remember

✘ Transportation
  ○ NOT PROVIDED
  ○ OSU Early College Experiences located at PAST Innovation Labs
  ○ CABs stops close to MECHS to get to OSU classes
  ○ Walk to CSCC (from MIT) is ~1 mile, or about 20–25 mins

✘ Lunch
  ○ Students will have freedom to eat out for lunch
  ○ Must be in HS or college classes on time
  ○ Can’t bring food back for students not in college courses

Any other questions, email or make an appointment with
Mrs. Kemp (OSU Academic Advisor)  kemp@themetroschool.org
Mr. Boyer (CSCC Career Coach/ Counselor)  boyer@themetroschool.org