

Early College Information Session

Associate of Arts, Business

Associate of Science, Mathematics

Parilla Performing Arts Center

October 1, 2019



EC



Early College (EC) at Montgomery College

- MCPS and Montgomery College (MC) collaboration which provides the opportunity for students from multiple high schools to complete their high school graduation requirements on an MC campus and begin their college career.
- MCPS students will complete their Maryland State high school diploma requirements while simultaneously earning an Associate in Science or a Associate of Arts degree from Montgomery College.
- Early College students will take their first year of college classes together as a cohort. In the second year in the program, students will continue to take most of their classes with the Early College cohort, however, may also take elective courses with other MC students.
- The students will not take any classes at the high school. They will be fulltime college students taking all of the coursework for the 11th and 12 grade years on the MC campus.
- The MC A.A.T., A.S. and A.A. degrees earned will transfer to a four-year institution within the state of Maryland and provide an opportunity for Montgomery County to support current students while building a future workforce. By creating a pathway from MCPS, to MC, to a bachelor's degree, and then back to the Montgomery County workforce.

Assumptions & Admission Requirements

Assumptions

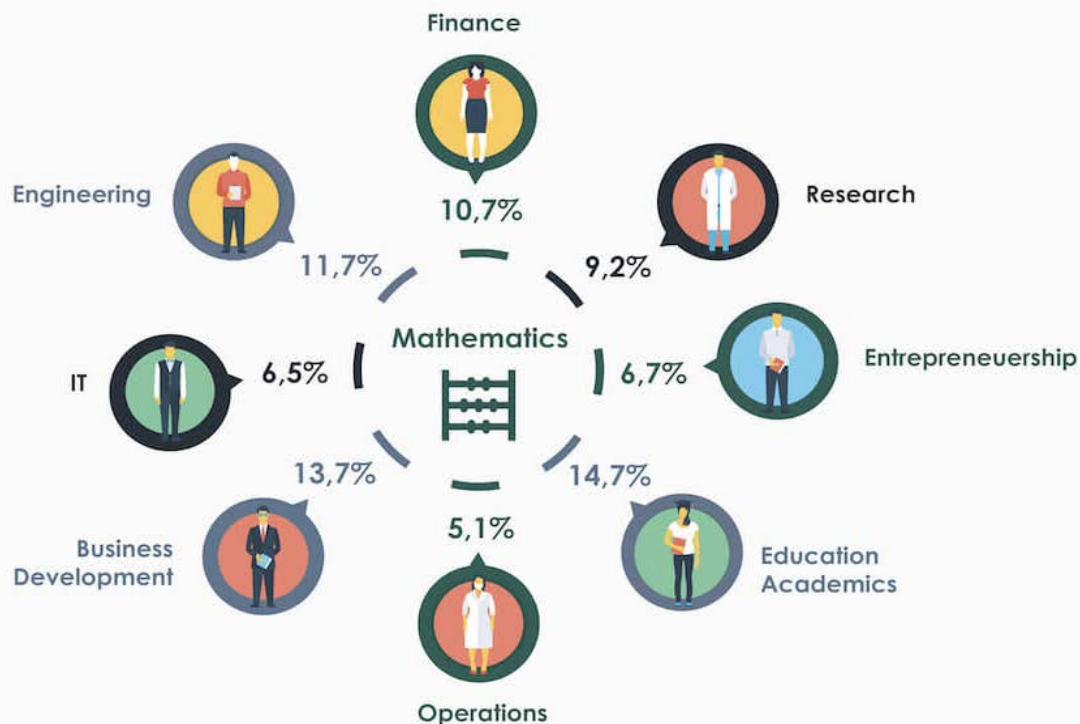
- ✓ Students have met or are near completion of fulfilling their SSL hours.
- ✓ Students have successfully completed all 9th and 10th grade classes as outlined on the degree pathways including P.E.
- ✓ Students must earn grades of “C” or higher in their college classes in order to maintain eligibility to remain in the program. Grades of “C” or better are crucial as this may affect transferability of credits, students ability to receive future federal financial aid and satisfying prerequisites for future college classes.
- ✓ With the help of their Early College Coordinator, students will research transfer opportunities to determine appropriate admission application process and transferability of their credits.

Admission Requirements

- ✓ Students have taken their mathematics and English state assessments.
- ✓ Have an unweighted MCPS cumulative G.P.A. of 2.75 or higher at the end of 10th grade.
- ✓ Complete the MCPS Application, the MCPS Early College Application and the Montgomery College Admissions Application.
- ✓ Participate in the Summer Transition program: Monday-Friday, 9 a.m.-noon, July 6 through July 31 on the Rockville Campus.
- ✓ Meet assessments into individual Early College programs.

A.S. Science: Mathematics Track Early College Degree Program

The 8 most popular career choices
with a degree in Mathematics



Examples of Career Opportunities for Mathematics Majors

Mathematics prepares you for a career in a diverse range of areas, and as science and technology become integrated into more and more aspects of our lives, employers are clamoring for employees with problem solving abilities, mathematical skills and comfort with data analytics.

Climatologist \$127,250

Actuary \$158,240

Computer Scientist \$155,420

Cryptanalyst \$112,780

Quantitative Analyst \$139,350

Epidemiologist \$92,610

Technical Writer \$100,020

Operations Research Analyst \$119,140

Computational Biologist \$100,580

Psychometrician \$200,000

Economist \$153,210

Statistician \$117,210

Stockbroker \$118,640

Forensic Analyst \$84,260

Examples of Mathematics Transfer Opportunities

Some schools attended by Montgomery College mathematics students after completing their degrees:

- Georgetown University
- Massachusetts Institute of Technology
- Smith College
- University of Maryland – College Park
- University of Maryland – Baltimore County
- Towson University

A.A. Business Early College Degree Program



Examples of Transfer Opportunities for Business Majors

MC Business students typically transfer to:

- UMD, Smith School of Business (College Park and The Universities at Shady Grove)
- University of Baltimore
- Towson University
- UMBC
- UMUC

Some of our top students have transferred to more competitive schools such as Georgetown. In addition, some of our students decide to pursue a BS/BA in Economics at UMD, or at another four year institution. We have articulation agreement with UMD, Smith School of Business.

Business students planning to transfer to four-year institutions may access transfer information and scholarship information at the following site:

<http://cms.montgomerycollege.edu/transfer>

Mr. Safiullah Rifai

Year Two Early College

A.S. Mathematics Student

EC² Program Cost to Student

Cost of degree program including tuition, fees and instructional materials to a non-Early College program student	\$12,700
Approximate cost of program paid by MC & MCPS	\$ 9,920
Approximate cost of program to student (MC fees)	\$ 2,724 <i>(average of \$681 per semester)</i>
Approximate cost of program to student who is FARMS eligible	\$ 0

- Early College students are not eligible for federal financial aid. However, students may apply for Montgomery College High School Grant funds to cover portions of their fees as these funds are available. For more information on the MC High School Grant, go to the *Dual Enrollment Tuition, Fees and Financial Assistance* page at: <http://cms.montgomerycollege.edu/EH DU/Department2.aspx?id=50732>
- **Transportation:** MC students can use Montgomery County Ride On bus service with their student photo ID and current term registration sticker as well as having access to the MC inter-campus shuttle system. MCPS does not provide bus service.

Approximate Tuition: Early College *versus Traditional Tuition*

Program	Required Years After High School	Total Tuition, Fees & Books for Degree
UMD College Park <i>Bachelor of Science degree</i>	4	\$47,116 (\$43,116 tuition & fees + \$4,000 instructional materials)
Montgomery College <i>A.A., A.S., or A.A.S. degree</i> plus UMD College Park <i>Bachelor of Science degree</i>	4	\$36,148 (MC: \$12,700 + UMD: \$23,558)
Early College at Montgomery College <i>A.A., A.S., or A.A.S. degree</i> and UMD College Park <i>Bachelor of Science degree</i>	2	\$26,282 <u>or a savings of \$20,834</u> (EC at MC: \$2724 + UMD 2yrs. at \$22,558)

Time to Completion

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8
Traditional Path								
	4 years to high school diploma				4 years to baccalaureate (bachelor) degree			

	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7	Year 8
Early College Path								
	2 years of high school		2 years to high school and 2 year degree		2 years to baccalaureate (bachelors) degree		2 years to post-baccalaureate (Masters) degree	

General Education Requirements

- Almost all colleges and universities require a set of general education or core courses. General Education courses are part of all Montgomery College associate degree programs.
- In these courses, students develop a foundation of skills, knowledge, and values, across a spectrum of topics, that prepare students for success in their future educational pursuits as well as in their personal and professional lives. These are courses that are taken in addition to those courses that are required for the major or degree program.
- Students will take classes in writing, humanities, science, and behavioral and social science as part of their general education requirements.
- The General Education coursework will transfer to University System of Maryland (USM) 4-year institutions as well as to most colleges and universities.

Academic Support

Required Summer Transition Program: July 6-July 31, Monday-Friday,

9 a.m.- noon on the Rockville Campus

Purpose: EC students will be prepared to meet the demands of college by bridging the gap between high school and college and facilitate student readiness for college. In addition to improving their math readiness, students will also:

- Prepare for specific degree college mathematics curriculum
- Learn how to access campus resources and services
- Discover new study and time management skills
- Improve team-building and problem-solving skills
- Become familiar with the campus and student organizations and clubs
- Understand graduation requirements
- Increase knowledge of MC policies/procedures

Academic Support

Ongoing Services & Support:

- Students are highly encouraged to begin preparing for the college assessment testing right now by using the **Khan Academy**.
- Ackerman Learning Center: Math & Science support center with services including tutoring, current textbooks, calculators, review sessions, and a computer lab.
- Business tutoring and mentoring is available.
- Embedded coaches work to support specific Early College courses.
- Early College Academic Coordinator is available on each campus to assist students with advising, course registration, connect students to services, transfer questions, etc.
- Writing Center: Services include in-person and online one-to-one tutoring, specialized workshops, PC and MAC computers, Microsoft Office suite and various resources assigned by faculty.

Disability Support Services

- **DSS provides accommodations and supports for qualified students with documented disabilities college-wide.**
 - **Services that students received through an IEP or 504 plan at MCPS do not convey to college.**
 - **Students should apply for college services at least one month prior to the start of their classes.**
- ✓ **Contact the Rockville Campus DSS office on 240-567-5058**

Next Steps

- Interested Grade 10 students must complete the *MCPS Common Application* by **November 1st^h deadline.**
- Eligible and Non-Eligible students will be informed of status by MCPS by **December 13, 2019.**
- Eligible students will receive an email and be asked to complete the *MCPS Early College Application Form* and *Montgomery College Admissions Application* by **January 3, 2020.**
- Eligible students will be contacted by their high school and scheduled to take the College Board ACCUPLACER assessment by **February.**
- All Eligible students who meet the program requirements will be provisionally accepted to the summer transition program pending final grades and MCAP and state assessment scores and will be notified by **mid-April.**
 - NOTE: If there are more eligible students than seats, a lottery will be held and students will be informed of their status.
- Attend and satisfy requirements of the Early College Summer Transition program, July 6-July 31, and assess into appropriate math course for degree option.
- Mandatory new student meeting will be held the **week of August 24th** with the **fall 2020 semester courses beginning on Monday, August 31, 2020.**

Contact Information

General questions about the Early College experience, contact Amy Crowley at: amy.crowley@montgomerycollege.edu

Questions on the **application process**, contact Mike Sullivan at: Michael_P_Sullivan@mcpsmd.org

Questions on the **Science - Mathematics A.S. degree**, contact Milton Nash at: milton.nash@montgomeycollege.edu

Questions on the **Business A.A. degree**, contact Ali Alavi at: ali.alavi@montgomerycollege.edu

Questions about **Disability Support Services**, contact Sue Haddad at: sue.haddad@montgomerycollege.edu

Additional Information

Program information can be found at:

www.montgomerycollege.edu/early-college

<https://montgomeryschoolsmd.org/curriculum/partnerships/dual-enrollment.aspx>

From the MCPS Home Page, search “Dual Enrollment” and click on the first result. The Early College information is in the middle of the page.

Career and Postsecondary Partnerships → Dual Enrollment



DUAL ENROLLMENT: MCPS AND MONTGOMERY COLLEGE (MC) PARTNERSHIP

Introduction and Overview

MCPS and MC have partnered to provide Dual Enrollment opportunities to college ready students at all high schools as well as Middle and Early College options.

Dual Enrollment opportunities allow MCPS college ready high school students to take college courses during the academic school year. High school students who enroll and take a college course at any Maryland public college or university are able to do so at a reduced cost.

If students select to take courses at MC, and meet qualifications for and separately apply for the MC High School Grant, they may be able to take college courses at no tuition cost. Students are able to take college courses offered on the high school campus (at select high schools), on a