MONTGOMERY COLLEGE

KIDS' COLLEGE

Enrichment Courses for Students Ages 8–17

Course Schedule | **Fall 2021**

Online courses for students ages 8–17.
We have classes to supplement learning in schools, as well as enrichment classes to allow students to try something new.

Workforce Development and Continuing Education

montgomerycollege.edu/wdce | 240-567-5188

MC

Dear Parents,
Welcome to Montgomery College Youth Programs Fall 2021! We are excited to offer a full range of online courses for students 8 years to 17 years of age. We have classes to supplement learning in schools, as well as enrichment classes to allow students to try something new.
Please reach out to the Youth Programs office with any questions. The best way to reach us is through email YouthProgramsDirector@montgomerycollege.edu.
We look forward to seeing you virtually!
Mary Mukherjee
Youth Programs Director
www.montgomerycollege.edu/youth

Black Rocket

BLACKROCKET
Launch Your Creativity

The magic in you will come to life as never before when you are empowered to be as creative as you were born to be.

Black Rocket has twenty years of experience designing camps in the S.T.E.A.M fields. Every program is powered by the camper's innate imagination and designed to bring their ideas to life in a fun, hands-on learning environment. From concept to creation students will demonstrate their masterpiece to the world at the end of each week! All Black Rocket programs mirror real-life experiences and the collaborative nature of the design process.

Coding Academy

Calling all future coders, programmers, & designers! Explore a series of coding languages like HTML, CSS, JavaScript, and Python through introductory projects and design challenges. Get started on your coding journey and become the next coding prodigy! Projects will be available on a Black Rocket website to share with friends and family. *Compatible with MAC, Windows, and Chromebook. Materials required at home: A webcam is required for this course. Compatible with MAC and Windows OS only, and required a 64-bit operating system. Please review technical specifications at https://blackrocket.com/online-tech-specs.

Course: YTH294   12 Hours
$130 + $30 fee = $160; NMR add $25

Ages 8-14
CRN#: 25760   6 Sessions   Saturday
9/18-10/23   9:30 a.m.-11:30 a.m.

Minecraft® Modders

Use your favorite game to learn the basics of modding and foundations of programming. Learn scripting and logic statements as you create your first mods! Introductory coding will also be taught through a simulated environment inspired by Minecraft. Student projects will be available on a password protected Black Rocket website to share with friends and family. Students must own a Java version of Minecraft to take this class. Tablet, phone, and game console versions of Minecraft are not compatible. Returning students can create more advanced projects that build on previous years. *Compatible with MAC and Windows OS only.

Course: YTH371   12 Hours
$130 + $30 fee = $160; NMR add $25

Ages 8-14
CRN#: 25763   6 Sessions   Saturday
10/30-12/4   9:30-11:30 a.m.

Roblox Makers

Unlock the power of ROBLOX® Studio, the world creation tool used by real-world ROBLOX® developers! Learn how to build 3D models and create an adventure in your ROBLOX® world. Bring characters to life with unique animations you design. Your project will be available on a password protected Black Rocket website to share with friends and family. Materials required at home: Compatible with MAC and Windows OS only. Please review technical specifications at https://blackrocket.com/online-tech-specs. Live instruction online.

Course: YTH297   12 Hours
$130 + $30 fee = $160; NMR add $25

Ages 8-14
CRN#: 25762   6 Sessions   Saturday
10/30-12/4   12-2 p.m.

YouTube® FX Masters

Become a master of illusion by learning the techniques used by Hollywood masters to create FX magic. Whether you want to enhance your YouTube videos or create a cool scene to amaze your friends; this class teaches the tools you need. . In the digital age, nothing is impossible! Experiment with visual effects as you learn the dynamics of camera angles, editing, graphic layering, and sound effects. Then watch as your new creations take your channel content to the next level! Student projects are available on a password protected Black Rocket website to share with friends and family. Materials required at home: A webcam is required for this course and it is compatible with MAC and Windows OS only, and required a 64-bit operating system. Please review technical specifications at https://blackrocket.com/online-tech-specs. Live instruction online.
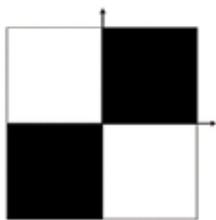
Course: YTH370   12 Hours
$130 + $30 fee = $160; NMR add $25

Ages 8-14
CRN#: 25761   6 Sessions   Saturday
9/18-10/23   12-2 p.m.

All classes will be held online via structured remote learning.

Yang Academy

Yang Academy

Yang Academy is happy to present the Essentials Series for academic support. These sessions involve direct instruction by a Yang Academy instructor. The purposes of these classes are for students to review essential content and refine their problem-solving skills. For questions regarding the course content, or appropriate course placement, please contact Yang Academy at ya@yangacademy.com or 301-294-0811.

Essential Algebra 1

For students who are currently enrolled in algebra 1 classes. Topics covered include factoring, linear and quadratic equations, higher-order polynomials, inequalities, absolute values, and application problems. Online instruction via Zoom.

Course: YTH270   12 Hours
$155 + $30 fee = $185; NMR add $25

Ages 10-12
CRN#: 25499   8 Sessions   Wednesday
9/29-11/17   4:30.-6 p.m.

Essential Biology

For students who will be enrolled in biology or honors biology classes. Topics from major branches of biology will be covered: ecology, cell biology, genetics, and impact modern technology has made in the field of biology.

Course: YTH284   12 Hours
$155 + $30 fee = $185; NMR add $25

Ages 14-16
CRN#: 25501   8 Sessions   Tuesday
9/28-11/16   6:30.-8 p.m.

Structured Remote (SR) are scheduled on specific days and at specific times. Students meet as a class remotely through Zoom or Blackboard Collaborate; instructors will tell students which software to use. Students complete reading and assignments according to the course schedule. Class sessions take place in real time, and the instructor leads course sessions.

Essential Chemistry

For students who will be enrolled in chemistry or honors chemistry classes. Topics covered include unit analysis, atomic structure, periodic table of elements, chemical reactions and equations, molar relationships, and stoichiometry.

Course: YTH285   12 Hours
$155 + $30 fee = $185; NMR add $25

Ages 14-17
CRN#: 25502   8 Sessions   Wednesday
9/29-11/17   6:30-8 p.m.

Essential Geometry

For students who are currently enrolled in geometry classes. Topics covered include properties of two- and three-dimensional geometric shapes and development of mathematical arguments about geometric relationships. Online instruction via Zoom.

Course: YTH269   12 Hours
$155 + $30 fee = $185; NMR add $25

Ages 12-14
CRN#: 25500   8 Sessions   Thursday
9/30-11/18   4:30.-6 p.m.

Essential Physics

For students who will be enrolled in physics or honors physics classes. Topics covered include kinematics in one or two dimensions, motion and force, Newton's Laws of Motion, circulation motion, work and energy, and linear momentum.

Course: YTH286   12 Hours
$155 + $30 fee = $185; NMR add $25

Ages 14-16
CRN#: 25503   8 Sessions   Thursday
9/30-11/18   6:30.-8 p.m.

Essential Pre-Algebra

For students who are currently enrolled in algebra 1 classes. Topics covered include factoring, linear and quadratic equations, higher-order polynomials, inequalities, absolute values, and application problems. Online instruction via Zoom.

Course: YTH271   12 Hours
$155 + $30 fee = $185; NMR add $25

Ages 10-12
CRN#: 25498   8 Sessions   Tuesday
9/28-11/16   4:30-6 p.m.

All classes will be held online via structured remote learning.

NMR=Non-Maryland Resident

Please follow these instructions. Use one form for each student.

1. Make course selection(s).

2. Returning student who has already claimed their account in Augusoft Lumens. Go to https://montgomerycollege.augusoft.net/ and sign in using your user name and password.

   New student go to https://montgomerycollege.augusoft.net/ and follow directions .

3. Registrants will be enrolled in the order that registration and payments are received. Therefore, we urge you to register as early as possible to avoid disappointment. You will receive acknowledgment of registration. Please call Customer Service at 240-567-5188 if Registration Confirmation is NOT received at least five days before the start of classes. Courses may be canceled due to low enrollment.

4. All students must register prior to attending class; do not attend class if you have not registered in advance.

5. Scholarships are not available at this time.

Residency Policy

The following are general guidelines taken from the College policy on residency for tuition purposes. A copy of the policy is available in the Montgomery College Catalog.

A. Students attending Montgomery College will pay tuition according to their residency.

B. To qualify for tuition purposes as a resident of the state of Maryland, legal domicile must have been maintained for a period not less than three months prior to the first regularly scheduled class. Non-Maryland residents must pay an out-of-state fee ($25 per youth program course).

C. The domicile of a person registering in a noncredit course at Montgomery College shall be considered as a person's permanent place of abode, where physical presence and possessions are maintained, and where he/she intends to remain indefinitely.

D. Non-U.S. citizens must submit copy of passport visa or permanent resident card.

E. Non-Maryland residents **(NMR)** and Non-U.S. citizens pay "Out-of-State" fees ($25 per youth program course).

Refund Policy: Youth Programs Only: Class Withdrawal/Drop Fees

- Withdrawal from camp up to and including 21 days prior to the start of the camp—Full Refund
- Withdrawal from a camp less than 21 days prior to the camp—No Refund
- If a camp is administratively cancelled you will receive a full refund.

Disability Support Services

Montgomery College Youth Programs is committed to providing accessible education and a supportive learning environment for all students. To help us meet this goal, after you have registered, contact our WD&CE Disability Support Services counselor Natalie Martinez at natalie.martinez@montgomerycollege.edu or 240-567-4118 at least four weeks before the start of the program to inform the College of any physical disabilities or behavioral / social challenges your child has and to arrange for reasonable accommodations. MC does not provide medical assistants or care attendants. Parents are not permitted to attend camp with their child. The exception to this is for those attending an Intergenerational Program specifically designed for Youth accompanied by Adult(s).

Questions?

You may call anytime Mon–Fri 9 a.m.–4 p.m. : 240-567-7917 or 240-567-7264.

Asistencia en Español disponible.

All classes will be held online via structured remote learning.

Structured Remote (SR) are scheduled on specific days and at specific times. Students meet as a class remotely through Zoom or Blackboard Collaborate; instructors will tell students which software to use. Students complete reading and assignments according to the course schedule. Class sessions take place in real time, and the instructor leads course sessions.

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