SUMMER YOUTH PROGRAMS

Workforce Development and Continuing Education | Summer 2020

Affordable, practical, and convenient classes at locations throughout Montgomery County, Maryland

Registration is Open

montgomerycollege.edu/wdce | 240-567-5188
Welcome to another great summer!

Are you seeking summer activities for youth who will be enrolled in Grades K–12 this fall? Montgomery College Youth Programs offers high quality, engaging, learning activities. In partnership with MC faculty, carefully chosen outside vendors, and other instructors, we have developed intellectually stimulating and enjoyable activities, classes, and programs offered in a safe and supervised environment. Whether your children would benefit from an introduction to a new subject, a way to help determine what they might want to do as a career, new lessons and new friends, study/success strategies, or more about something they know they enjoy, we welcome the opportunity to have them join us this summer.

From front to back, the Summer 2020 Youth Programs brochure has MANY new programs in addition to your favorites! A sample of those we have added include:

- An increase in offerings in Germantown. Before and after care is also available in Germantown for four weeks in July.
- Art camps with a STEAM approach for all ages.
- Communication camp to help our youth discuss critical issues amongst a diversity of opinions.
- An increase of cooking camps from MC’s Marriott Hospitality in their professional facility.
- New engineering camps in Germantown incorporating music.
- A Music Maker camp where novice students will compose music.
- An opportunity to participate in an independent study in computer programming.
- An opportunity to combine entrepreneurship with interior design.
- Increased forensic science to include crime scene investigations.
- Exploration in the fields of geography and cartography.
- Historically based field trips in Washington DC to explore American History.
- Digital Art camps.
- Exploration in the field of architecture.
- Health and fitness camps for elementary school aged campers.
- STEAM camps exploring chemistry, biology, engineering, physics and art.

These are just a few. So, look at the more than 200 offerings and remember that we are here to answer any questions that you may have; simply contact us at 240-567-7264 or 240-567-7917 or e-mail youthprogramsdirector@montgomerycollege.edu.

Sincerely,

George Payne
Vice President
Workforce Development & Continuing Education
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General Information

Registering Your Student

Use one form for each student...

- Make course selection(s)
  Grades listed with each course title indicate the grade of the student during the 2020–2021 school year.
- Complete registration form
  One (1) per student. Be sure to include student’s MC Identification Number. If your student does not have an MC ID number, one will be assigned following registration. This will be the student's permanent identification number at Montgomery College. You will want to keep it in a safe place.
- Complete all signature lines
- Registrants will be enrolled in the order that registration and payments are received.
  We urge you to register as early as possible to avoid disappointment. You will receive acknowledgement of your registration via e-mail and mail. You will receive an e-mail with important information needed to complete the registration and payment process. (Check e-mail AND potential SPAM folder.) You will have up to three (3) business days to complete the payment process. If registering before April 6, 2020 payment is due by April 10, 2020. If registering after April 6, 2020, payment is due within three (3) days of receiving confirmation of enrollment.
- All students MUST register a minimum of five (5) business days prior to the start of the class.
  Do Not Attend Class If You Have Not Registered In Advance.
- Classes Will Be Cancelled If They Are Under-Enrolled.

4 Ways to Register

- Web: www.montgomerycollege.edu/youth. There is a two-step process for web registrations. Look for registration link under the program area.
- Fax: Summer Programs: 240-567-7548. Please include your credit card payment information. This is a secure encrypted fax line.
- Mail: Mail form(s) and full payment to: Montgomery College, Workforce Development & Continuing Education, Summer Youth Programs, 51 Mannakee Street, CC220, Rockville, MD 20850. Please make all checks payable to Montgomery College. Visa, MasterCard, and Discover are also accepted for payment.
- Walk-in: Registration(s) must be brought to the Campus Center building, Rockville Campus, Room 220.

Residency Policy

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

- Students attending Montgomery College will pay tuition according to their residency.
- To qualify as a resident of the state of Maryland for tuition purposes, legal domicile must have been maintained for a period not less than three months prior to the first regularly scheduled class.
- Non-Maryland residents pay Out-of-State Fees. (Non-U.S. Citizens: attach a copy of your passport, visa, or permanent resident card.) Non-Maryland residents and Non-U.S. Citizens without a passport, visa, or permanent resident card must pay a $25.00 per course out-of-state fee for youth offerings.

CampDocs (Mandatory) NEW

This year we are transitioning to Camp Docs to maintain all the emergency information, health information, and other camp related forms. This is where you will also find permission forms, handbooks and maps of the campus. It is our hope that this will streamline the paperwork required for your child. You will receive an e-mail from campdocs.com with instructions on how to enter this information into the system. You will only enter this information once per child. All required information is required before your child can attend camp.

Cancellation Policy

Courses may be cancelled due to under-enrollment at least five (5) business days prior to the start of course or program. Students will be notified of cancellation by phone or e-mail and a refund will be processed for the total cost of course(s). Refunds will take approximately three (3) weeks to be processed. There are no refunds for scholarship students who do not attend if they have not notified us at least two (2) weeks in advance of the specific camp for which the scholarship has been awarded.

Communications

Youth Programs uses e-mail to communicate with the parents of registered students about specific program information. Please be sure your e-mail address is current and that you check it regularly. Until you know that you can receive our e-mail notifications, also check your SPAM folder. Parents without an e-mail address will receive information by phone and/or mail.
Class Transfer and/or Refund Policy: Youth Programs Only

Notice: New Summer Youth Transfer or Withdrawal Policies! Be advised that there have been substantial changes to our refund policies for withdrawing/transferring students from a Youth Programs course/camp within 32 days of the start date of the class. These Youth refund policies differ from and supersede refund policies for all other non-Youth classes.

For a complete listing of the transfer and drop/withdrawal policy and important dates visit: www.montgomerycollege.edu/youth.

Transfer/Refund Requests
Please contact the Youth Programs office via e-mail: YouthProgramsDirector@montgomerycollege.edu to transfer to a different class/date. The transfer policy is listed below.

• First transfer is done without charge if received no later than 12 p.m. at least two weeks before the Friday preceding the start of the class.
• Second and each additional transfer will be charged $20.00 if received by 12 p.m, at least two weeks before the Friday preceding the start of the class.
• No transfers will be permitted after 12 p.m., less than two weeks before the Friday preceding the start of the class unless the class is cancelled by Montgomery College.

Drop / Withdrawal Requests
Please contact the Youth Programs office via e-mail: YouthProgramsDirector@montgomerycollege.edu to withdraw from a class. The refund policy is listed below.

• Camp sessions dropped 4 weeks or more prior to the start date of the class will receive a 100% refund of the total fee. Refunds may take 3–5 days to be refunded to the credit card.
• Camp sessions dropped within 2–3 weeks of the start date will receive a 50% refund of the total fee.
• Camp sessions dropped less than 2 weeks before the start date of the class will NOT receive a refund.
• Please note: If you register for a class less than 4 weeks before the beginning of the session, the above applies.

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, the college offers support through the WDCE Disability Support Services Office. Parents submit pertinent information via campdocs.com. After completing the appropriate information on campdocs.com, parents are to contact counselor Natalie Martinez at Natalie.martinez@montgomerycollege.edu or 240-567-4118 at least two weeks before the start of the program to arrange for reasonable accommodations. MC does not provide medical assistants or care attendants. Campers must exhibit independence and ability for self care. 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).

Before and After Care

In order to accommodate parent work schedules, early morning and late afternoon supervised activities (playing games, reading books, working on arts and crafts) are available, on a space availability basis, for students in grades K–8 for an additional charge. If your child is registered for Before and/or After Care, College staff will escort your child to and from their classes.

FREE Supervision During Lunch

Students attending either full-day programs or both morning and afternoon half-day programs will receive supervision during lunch at no additional cost. Students are responsible for their lunch and should bring non-perishable items daily. Refrigeration is not available. The cafeteria and vending machines are available, but the lines are often long. For most programs the lunch session runs from 12–1 p.m. Students are escorted from their morning classroom to lunch, supervised during lunch, and then escorted to their afternoon class. Students attending only half-day programs are not eligible for lunch supervision services. NOTE: There is no supervision for students who do not attend camps all day. The College cannot provide an environment free of foods containing nuts.

Health Service

Montgomery College instructors and staff cannot administer any medication, prescription or non-prescription (over the counter), to students. If a student needs to take medication during the program, you need to have the Medication Administration Authorization Form for each medication completed by your child’s physician indicating that they can self-administer. This form will be uploaded to CampDocs.com. Prescription medications must be in the original containers bearing a pharmacy label that shows the (a) Prescription number, (b) Date filled, (c) Authorized prescriber’s name, (d) Name of the medication, (e) Directions for use, and (f) Patient’s name. Non-prescription medications must be in the original containers and include the directions for use. All medications, except emergency medications like Epi-pens or inhalers, must be brought to the Youth Programs Office to be kept in a secured, locked storage compartment, and stored under the conditions specified by the manufacturer of the medication. Students may only carry emergency medications, like Epi-pens and inhalers, while attending their classes. A student who is self-administering medication will be supervised by a staff member who will ensure the directions provided are followed. The staff member will also be informed of the side and/or toxic effects of the medication.

The Youth Programs’ Registered Nurse will contact the parents of any student with allergies or health issues to discuss concerns and develop an action plan for faculty and staff use. A student may not participate in a camp activity until this process is complete.
Drop-off and Pick-up Procedures

Unless alternate arrangements have been made in advance with the Youth Programs Office, drop-off and pick-up your student at the assigned classroom. Students should be dropped off at their assigned classroom no earlier than 15 minutes before the start time. Students must be signed in and out of class by an adult unless prior arrangements are made in advance with the Youth Programs Office. Your request will be reviewed and you will be advised how to proceed. Parents should arrange to pick up their student promptly at the end of their class. There is no supervision before 8:45 a.m. or after a student’s day ends unless he/she is registered in the Before and/or After Care program. It is our policy to keep a record of late pick-ups for each student for the week. Each family will be charged a late pick-up fee of $25 for every 15 minutes or part thereof. Repeated late pick-ups may jeopardize the student’s enrollment in the program. All parents or authorized persons will sign a late pick-up slip at the time of pick-up. The college’s clock will be used to determine the time. Payment is due within two days of the late pick-up and can be paid at a customer service or cashier office. The student will not be allowed to continue in the program if proof of payment of the late charge(s) is not presented by the second day of the late charge assessment. In the event that the student does not return, the parent will be billed for any late fees not paid. Please note that the late fee is assessed for each student picked up late.

Late Pick-Up Policy: Because of the large, public, open environments of our program sites, and our concern for student safety, we require that parents accompany students to the classroom or designated area when dropping off the student. Parents/guardians are asked to sign the student out in person at the end of the camp day, and will be asked prior to the start of camp to identify those persons who have approval to pick up the student from the program. In order to avoid late charges, please arrive to pick up your student at least 10 minutes prior to the end of their day.

Transportation

Students and their parents or guardians are responsible for all transportation arrangements. Public transportation is available. Call Montgomery County Transit Information at 301-217-RIDE.

Behavior

All students, regardless of disability/challenge (e.g. physical, learning, psychological, emotional, behavioral, etc.) or medical condition, must abide by the rules and regulations of the Montgomery College Code of Conduct (see terms and conditions), including exhibiting classroom behavior that allows for a student environment free from harassment, discrimination, and disruption. We understand that some students require additional assistance to meet that standard, and we will determine if reasonable accommodations can be provided that will allow for the successful delivery of instruction to all students in the class. (Check the appropriate question on the registration form and you will be contacted in advance of the class/program or contact us directly.) Behavior contrary to the College’s Code of Conduct cannot be tolerated and may result in expulsion. There is no refund granted as a result of expulsion. In accordance with Title IX of the Education Amendments, Montgomery College prohibits sex discrimination, including sexual misconduct. When made aware of possible discrimination, the College will take prompt action to end the sexual misconduct, prevent its recurrence, and remedy its effects. To report Sexual Misconduct concerns contact: Christopher Moy, Director of ADA & Title IX Compliance, Office of Compliance, Risk, and Ethics at Montgomery College, 240-567-5412.

DO NOT BRING electronic devices, knives, firearms, matches, lighters, or expensive cameras to the program. Cell phones are not permitted to be used in classrooms; they must be turned off or set on vibrate.

The College and its staff are not responsible for lost or misplaced smart phones, tablets, laptops, and/or any other electronic devices owned by student.

Contributions to Our Youth Scholarship Fund

Take advantage of this easy way to make a tax-deductible contribution to the College’s Youth Scholarship Fund by writing an amount on the Registration Form. You will receive a donation receipt from the Montgomery College Foundation acknowledging your contribution. Remember your contribution helps children who would not otherwise have access to these challenging and exciting learning opportunities.

Student Service Learning Hours

Student Service Learning (SSL) hours are earned in some of our sessions. Approval for SSL hours is reflected in the course description for approved camps. For these camps, the SSL form will be printed on the back of the certificate given to students on the last day. To receive all approved SSL hours for the camp, the student must have 100% attendance.
## Summer 2020 at a Glance

### June 22–June 26

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<tr>
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<tr>
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<tr>
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<td><strong>Build It! Art Camp</strong></td>
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<tr>
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<td>Virtual Reality: The Future is Now</td>
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<td>Fantastic Forensics</td>
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<tr>
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Germantown Campus

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Rockville Campus

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**School Year Youth Programs** at Montgomery College!
Providing high-quality programs that are educational, engaging, and fun!

**Kids’ College**
Enrichment courses for students in Grades K–12 (grades may differ, depending on course offerings.)
Courses are offered after school and on Saturdays on the Germantown, Rockville, or Takoma Park/Silver Spring Campus.

**Black Rocket**
Black Rocket provides unique enrichment and educational programs to children and young adults offering distinct programs in Creative Sciences, Digital Arts, and Leadership.
Each course emphasizes self-empowerment, cognitive reasoning, and divergent thinking through hands-on learning.

**Abrakadoodle**
The Abrakadoodle mission is to enhance the lives of children by creating an educationally rich learning environment that ignites their imaginations and leads them to discover their own unique creativities, talents and abilities.

**Piano**
Piano Fun for Grades K–6. Lessons range from beginner to advanced.
These are small group lessons.
Classes run for about three months in the Fall or the Spring.

*For a full list of our school year programs and up-to-date information, please visit [www.montgomerycollege.edu/youth](http://www.montgomerycollege.edu/youth).*
Before Care and After Care for Summer Youth Programs

Grades K–8
Making our summer programs more convenient!
Children are provided with a safe and relaxed environment in which to enjoy a variety of activities. Staff continuously strive to keep the program activities flexible and appealing.

SPACE IS LIMITED!
Applications will be accepted on a first come, first served basis.
Parents must complete the Before and After Care Agreement form on Campdocs.com

Before Care
$45 + $20 fee—$65; Non-Md. residents add $25

Course:: YOU341      5 Sessions
Monday–Friday     7–9 a.m.

Germantown Campus
CRN#: 15567  7/6–7/10
CRN#: 15568  7/13–7/17
CRN#: 15746  7/20–7/24
CRN#: 15569  7/27–7/31

Rockville Campus
CRN#: 45961  6/22–6/26
CRN#: 15561  7/6–7/10
CRN#: 15562  7/13–7/17
CRN#: 15563  7/20–7/24
CRN#: 15564  7/27–7/31
CRN#: 15565  8/3–8/7
CRN#: 15566  8/10–8/14

After Care
$60 + $20 fee—$80; Non-Md. residents add $25

Course:: YOU339      5 Sessions
Monday–Friday     3–6 p.m.

Germantown Campus
CRN#: 15556  7/6–7/10
CRN#: 15557  7/13–7/17
CRN#: 15558  7/20–7/24
CRN#: 15559  7/27–7/31

Rockville Campus
CRN#: 45960  6/22–6/26
CRN#: 15560  7/6–7/10
CRN#: 15561  7/13–7/17
CRN#: 15562  7/20–7/24
CRN#: 15563  7/27–7/31
CRN#: 15564  8/3–8/7
CRN#: 15565  8/10–8/14

Before Care (Week of 6/29 only)
$36 + $16 fee—$52; Non-Md residents add $25

Course: YOU340      4 Sessions
Monday–Thursday    7–9 a.m.   No class 7/3

Rockville Campus
CRN#: 15550  6/29–7/2
CRN#: 15551  7/6–7/10
CRN#: 15552  7/13–7/17
CRN#: 15553  7/20–7/24
CRN#: 15554  7/27–7/31
CRN#: 15555  8/3–8/7
CRN#: 15556  8/10–8/14

After Care (Week of 6/29 only)
$48 + $16 fee—$64; Non-Md. residents add $25

Course: YOU338      4 Sessions
Monday–Thursday    3–6 p.m.   No class 7/3

Rockville Campus
CRN#: 15549  6/29–7/2

How to Read a Course Description
Courses marked with GT are for Gifted and Talented students and require additional signatures for enrollment.

For further information please contact Youth Programs at 240-567-7264 or 240-567-7917 or access the Montgomery College Youth Programs website: www.montgomerycollege.edu/youth.

M = Monday    T = Tuesday    W = Wednesday
R = Thursday   F = Friday    S = Saturday
U = Sunday     GT = Gifted and Talented

Dive Into Summer Writing
Course Description
This is a fun-filled writing camp that will help increase your vocabulary and aid in composition writing. Learn basic grammar, write in daily journals, create a book review and play language arts hands-on games.

Instructor: Natalie Evans

Course Title
Dive Into Summer Writing
Course Description
This is a fun-filled writing camp that will help increase your vocabulary and aid in composition writing. Learn basic grammar, write in daily journals, create a book review and play language arts hands-on games.

Instructor: Natalie Evans

Course Number       Number of Sessions
Course: YOU792      4 Sessions

Course Tuition and Fee
$140 + $50 fee = $190; Non-Md. Residents add $25

Campus Location
Rockville Campus

Grades
Grades 1–2

CRN #       Days       Dates       Time
CRN#: 15587   M,T,W,R   6/29–7/2   9 a.m.–12 p.m.
The following Summer Youth Classes are taught by Montgomery College faculty, staff, and qualified instructors. We also offer many partnership camps starting on page 28.

**A Star is Born**  NEW

Come learn how to bring out your inner star; improve your public speaking and improve skills. In this course, you will engage in acting games, learn songs and dances, collaborate to create your own costumes and sets, and make friends along the way. You will have a chance to hone your creative skills and work as a team to put on a play at the end of the week.  
**Instructor:** Elizabeth Doerrman

**Course:** YTH111  5 Sessions  
$190 + $60 fee = $250; Non-Md residents add $25  
**Rockville Campus**  
**Grades 6–8**  
CRN#: 15619  M,T,W,R,F  7/20–7/24  9 a.m.–3 p.m.  
CRN#: 15620  M,T,W,R,F  7/27–7/31  9 a.m.–3 p.m.

**Advanced Placement Readiness**

Prepare for taking advanced placement courses. In small groups, analyze articles, essay prompts, and sample responses. Learn to support your opinions by using text and data to accomplish the task. Use logical thinking, enhance your awareness of the structure of your arguments and avoid fallacies in reasoning. Use various technologies and peer created strategies to practice time management skills. Learn ways to use calendars to make more effective use of your time. Add rhetorical strategies to your repertoire of testing skills and improve your understanding of standards found in advanced placement courses. Practice these skills to heighten your comfort with the testing situation.  
**Instructor:** Jenn Bauer

**Course:** YOU466  5 Sessions  
$155 = $55 fee = $210; Non-Md. residents add $25  
**Rockville Campus**  
**Grades 9–12 (GT)**  
CRN#: 15574  M,T,W,R,F  7/20–7/24  9 a.m.–12 p.m.

**Automobile Maintenance for Beginners**

This class is designed to give you an understanding of several vehicle systems and provide you with hands on skills to perform basic maintenance checks and service at home in the driveway. You will work on real vehicles in a fully equipped automotive shop.  
**Instructors:** Scott Goldsworthy and Debra Anderson, MC Faculty

**Course:** YTH055  5 Sessions  
$175 + $55 fee = $230; Non-Md. residents add $25  
**Rockville Campus**  
**Grades 6–8**  
CRN#: 15514  M,T,W,R,F  7/6–7/10  1–4 p.m.  
**Grades 9–12**  

**Awesome ASL**

American Sign Language is the third most widely used language in the US. ASL is a language of the hands, face and body, and is fun and easy to learn! In this camp, you will spend five days learning the basics of American Sign Language, including gestures, facial expression and the basic components of a sign. We will cover vocabulary such as family, colors, animals and activities, and basic aspects of Deaf culture. By the end of camp, you will be able to hold basic conversations in sign language, including constructing simple sentences, asking two types of questions, and describing your surroundings.  
**Instructor:** Shay Taylor-El

**Course:** YTH154  4 Sessions  
$125 + $50 fee = $175; Non-Md. residents add $25  
**Rockville Campus**  
**Grades 6–8**  
CRN#: 15690  M,T,W,R  6/29–7/2  9 a.m.–12 p.m.

**Awesome ASL 2**  NEW

Participants in this camp will learn more advanced topics such as sharing opinions and ideas, creating ASL art, ABC stories and number poems, as well as increased conversing in sign. For the best experience, participants should have experience in learning/using American Sign Language, including the knowledge of how to ask and answer questions, sign vocabulary related to colors, numbers, family, and time.  
**Instructor:** Shay Taylor-El

**Course:** YTH195  4 Sessions  
$125 + $50 fee = $175; Non-Md. residents add $25  
**Rockville Campus**  
**Grades 6–8**  
CRN#: 15735  M,T,W,R,F  7/6–7/10  9 a.m.–12 p.m.
Biotechnology and Diversity

Biotechnology and diversity of organizations go hand in hand. Biotechnology allows scientists to organize animals into patterns and categories and identify/classify them, whether the animal is known or unknown. In recent times, biotechnology techniques have enabled crime-solving, paternity testing, cloning of cells leading to reproduction with male gametes, production of insulin for diabetics, and growth factors. In this camp, you will master DNA extraction, paternity identification, solve problems and bone mysteries, master microscope uses and care, discover the various organisms that share our planet, and develop your critical thinking ability and skills and study world cultures through video workshops. **Instructor:** Ijeoma Otigbue, MC Faculty

**Course:** YTH163  
5 Sessions  
Grades 6–8  
CRN#: 15702  
M,T,W,R,F  
8/3–8/7  
9 a.m.–3 p.m.

Grades 9–12  
CRN#: 15703  
M,T,W,R,F  
7/27–7/31  
9 a.m.–3 p.m.

Chin Up, Girl!

Young STRONG ladies...discover your voice, what you stand for, what you believe in, and what truly makes you happy. Build confidence through self-expression and personal connections. Learn strategies to ease school stress, embrace leadership, and promote healthy friendships. Build mental and physical strength by exercising the mind and body: learn yoga, dance, gymnastics, aerobics, and group meditation alongside the **Instructor:** Natalie Evans, a certified personal trainer, dance teacher, and CrossFit coach, who will motivate you to keep your chin up, girl!

**Course:** YOU476  
5 Sessions  
Grades 6–8  
CRN#: 15575  
M,T,W,R,F  
7/6–7/10  
9 a.m.–12 p.m.

College Readiness Begins in Middle School

Middle School is an important time for early postsecondary planning and educators recommend that you begin planning for college as early as sixth grade. This College Readiness course will play a key role in guiding early preparation by providing college and career planning information and helping you through the many steps in postsecondary planning. You will be introduced to setting education goals, careers and majors, researching colleges/universities, exploring the college admissions process and applications, financial aid/scholarships, career guest speakers, campus tours, résumés and more. **Instructor:** Tammy Patterson

**Course:** YOU910  
5 Sessions  
Grades 6–8  
CRN#: 15462  
M,T,W,R,F  
7/20–7/24  
9 a.m.–3 p.m.

Coding with Kodable

This course will introduce you to object based programming by learning to read, modify and write scripts to change what happens in JavaScript programs. You will learn fun ways to creatively code by learning core concepts in computer science and writing your own script. By the end of the camp, you will have learned and designed a project of your own. **Instructor:** Enitan Okusanya

**Course:** YTH192  
5 Sessions  
Grades 3–5  
CRN#: 15734  
M,T,W,R,F  
7/13–7/17  
9 a.m.–3 p.m.

Comedy & Improv Camp

Improvisation uses teamwork, trust, acceptance of others, and a “Yes, and…” attitude. These skills not only apply to life, but also build character, creativity, and confidence. So get wacky, play exciting games, meet new friends, and learn the secrets behind great improv, as well as techniques to ace your future acting auditions. You will end the week with a Whose Line Is It Anyway? performance (based on the popular TV show) to showcase your new skills for family and friends. **Instructor:** Natalie Evans

**Course:** YTH001  
5 Sessions  
Grades 6–8  
CRN#: 15503  
M,T,W,R,F  
7/6–7/10  
1–4 p.m.
Computer Programming 1
Use the MIT-developed programming language, Scratch, to investigate the foundations of computer programming. Through the creation of a variety of applications and games, you will learn essential common programming structures that can be applied to any future languages that you learn. An emphasis is placed on balancing rigor and fun, and you will have many opportunities to flex your creative muscles in the creation of your programs. By the end of camp, you will design a large-scale program of your own, and have the opportunity to share your application with the outside world over the Internet!

Instructor: David Hill
Course: YOU577  10 Sessions
$455 + $75 = $530; Non-Md. residents add $25
Rockville Campus
Grades 6–8
CRN#: 15576  M,T,W,R,F  7/6–7/17  9 a.m.–3 p.m.

Computer Programming 2
Use the programming language, Visual Basic, to create a variety of applications and games, building on the foundational tools of programming introduced in Computer Programming 1. Learn the organizational advantages to using a visual programming language and begin to write your own code rather than dragging and dropping commands as you did in Scratch. Learn to deal with the syntax errors that this new freedom creates and move on to explore the large ‘toolbox’ that Visual Basic provides its programmers. Emphasis is placed on creating applications that solve real-world programming problems, and you will have the opportunity to create a large-scale game or application of your own to complete the class. Prerequisite: Computer Programming 1 or Algebra I. Instructor: David Hill

Course: YOU578  10 Sessions
$455 + $75 fee = $530; Non-Md. residents add $25
Rockville Campus
Grades 6–8
CRN#: 15577  M,T,W,R,F  7/20–7/31  9 a.m.–3 p.m.

Computer Programming 3–Independent Study NEW
Are you independently minded, and often working on personal programming projects? Do you sometimes get stuck or frustrated, and struggle to use online resources to develop your skills further? Do you have the basics of Scratch or Visual basics down, and want to create (or enhance) a large-scale project with professional support? In this brand-new course, you can develop your programs in a classroom setting with extensive teacher attention. Programming skills will be reinforced, and the product development cycle will be discussed as you take your work to the next level. As openings are limited to ensure that you receive a high level of teacher time, we ask that you submit an application paragraph or two describing the program that you want to create and which language you are using to create it (Scratch or Visual Basic). The application paragraph should be e-mailed to: youthprogramsdirector@montgomerycollege.edu. Instructor: David Hill

Course: YTH092  5 Sessions
$275 + $50 fee = $325; Non-Md. residents add $25
Rockville Campus
Grades 9–12 (other grades accepted by Instructor permission)
CRN#: 15532  M,T,W,R,F  8/3–8/7  9 a.m.–3 p.m.

Creating Charitable Discussions: The Psychology of Conversation NEW
The landscape of the United States seems more polarized than ever across many differing hot button topics. In a world of two second sound bite arguments, political pundits, and rhetorical strategies to obtain points rather than the truth, some wonder how it is possible to have conversations amidst a diversity of opinions. How is it that we create a culture of charitable discussions but also to evaluate claims critically? How do we engage in conversation without the trappings of name-calling or shouting? This class attempts to navigate this tightrope and digs deeper into the human ego, its insecurities, and why it is the case that progress cannot be made in the key issues that concern us most. This class will cover an introduction to the psychology of conversation, methods of interviewing and questioning, common errors in logic and reasoning, and research skills related to hot-button topics. Learning methods and practices for creating and engaging in constructive conversations is crucial for increasing community health and cooperation. By the end of the course, you will have produced a fact sheet which details an unbiased snapshot of the issue and the different perspectives associated with it. Additionally, you will create a brochure of the topic, which acts as a guide to help facilitate constructive conversations. MCPS has approved this camp session for 10 Student Service Learning (SSL) hours. Instructor: Paul Kio

Course: YTH155  5 Sessions
$155 + $55 fee = $210; Non-Md. residents add $25
Rockville Campus
Grades 6–8
CRN#: 15691  M,T,W,R,F  7/13–7/17  1–4 p.m.
CRN#: 15692  M,T,W,R,F  7/20–7/24  9 a.m.–12 p.m.
Designing a Room and More: Hands on Interior Design
Design is everywhere! Explore designing a room with hands-on interior design. This class is a project-based course that allows you to become a spatial problem solver and help develop design solutions with your peers. You will create room designs through color interpretations, elements of design, and interviewing skills. This is a fast-paced "crash course" in interior design where technical knowledge is applicable to various design fields. This course will also provide an overview of what is expected in the design field. We will discuss current energy innovations, Smart Home technology, Universal design, green design, and current trends in the industry. **Instructor:** Julie Priddy ASID, CMKBD, NCIDQ, MC faculty.

**Course:** YOU975  5 Sessions  
$300 + $100 = $400; Non-Md. residents add $25

**Rockville Campus**  
**Grades 6–8**  
CRN#: 15484  M,T,W,R,F  7/20–7/24  9 a.m.–3 p.m.

Digital Fab Lab/ Maker Space *Updated!*
Participants this summer will be introduced to the digital side of fabrication. Using the College’s state-of-the-art machine tools, explore 3D printing, laser cutting, vinyl cutting, and large format computer guided wood cutting machine. You will learn all software required to create/design files for each machine as well as the software for each machine interface. Also included this summer will be the opportunity to create a circuit driven robot with easy programmable instructions. You will be encouraged to utilize all machines in the Lab/Space to edit and upgrade the programmable robot that you will create from a pre-bought kit, provided by the camp. This camp follows the STEM model for middle and high school students especially for those that plan on pursuing the field of engineering and the arts.  
**Instructor:** David Carrington

**Course:** YTH095  5 Sessions  
$360 + $100 fee = $460; Non-Md. residents add $25

**Rockville Campus**  
**Grades 6–8 GT**  
CRN#: 15533  M,T,W,R,F  7/6–7/10  9 a.m.–4 p.m.  
CRN#: 15534  M,T,W,R,F  7/20–7/24  9 a.m.–4 p.m.

**Grades 9–12 GT**  
CRN#: 15535  M,T,W,R,F  7/13–7/17  9 a.m.–4 p.m.  
CRN#: 15536  M,T,W,R,F  7/27–7/31  9 a.m.–4 p.m.

Dive Into Summer Writing
This is a fun-filled writing camp that will help increase your vocabulary and aid in composition writing. Learn basic grammar, write in daily journals, create a book review and play language arts hands-on games.  
**Instructor:** Natalie Evans

**Course:** YOU792  4 Sessions  
$140 + $50 fee = $190; Non-Md. residents add $25

**Rockville Campus**  
**Grades 1–2**  
CRN#: 15587  M,T,W,R  6/29–7/2  9 a.m.–12 p.m.

**Grades 3–5**  
CRN#: 15543  M,T,W,R,F  7/20–7/24  9 a.m.–3 p.m.

**Grades 1–2**  
CRN#: 15544  M,T,W,R,F  7/27–7/31  9 a.m.–3 p.m.

Effective Writing
Writing is one of the most important skills needed to succeed academically. Learn some of the practical skills for effective writing. Practice writing and gain confidence in recognizing and correcting grammatical errors and understanding the fundamentals of sentence structure, punctuation, and word usage. Learn techniques for generating divergent ideas for compositions and story writing. **Instructor:** Natalie Evans

**Course:** SCH964  5 Sessions  
$120 + $60 fee = $180; Non-Md. residents add $25

**Rockville Campus**  
**Grades 3–5**  
CRN#: 15542  M,T,W,R,F  7/13–7/17  1–4 p.m.

Empire Building by Design  
Come learn entrepreneurship skills through design. You will learn what it takes to get the mindset, ideas stream, market research, and beta testing to move forward with an idea of a product or service. You will work in small groups to develop a design product. Groups will assign a CEO, treasurer, public relations manager, marketing manager and secretary. You will learn how to develop a "Hook", "Story" and "Offer" which will help generate business leads and learn how to publish online. Discover successful online advertising—learn from others who are successful. **Instructor:** Julie Priddy ASID, CMKBD, NCIDQ, MC faculty

**Instructor:** Julie Priddy ASID, CMKBD, NCIDQ, MC faculty

**Course:** YTH193  9 Sessions  
$350 + $100 fee = $450; Non-Md. residents add $25

**Rockville Campus**  
**Grades 6–8**  
CRN#: 15744  M,T,W,R,F  7/27–7/31  9 a.m.–3 p.m.

Everyone’s a Star
Experience firsthand what it’s like to work with a team to put on a play full of comedy and drama. Go through auditioning, rehearsing, creating costumes, putting on makeup, gathering props, painting sets, and performing for a small audience—all within the boundaries of fun and direction. Everyone gets an onstage part and helps with backstage duties as well. You will also learn about proper audience etiquette, how to write a bio, and skills for memorizing lines. **Instructor:** Natalie Evans

**Instructor:** Natalie Evans

**Course:** SCH965  5 Sessions  
$190 + $60 fee = $250; Non-Md residents add $25

**Rockville Campus**  
**Grades 3–5**  
CRN#: 15543  M,T,W,R,F  7/20–7/24  9 a.m.–3 p.m.

**Grades 1–2**  
CRN#: 15544  M,T,W,R,F  7/27–7/31  9 a.m.–3 p.m.
Fantastic Forensics
This highly interactive course allows you to combine biology, chemistry, and physics in real-world applications of forensic science. You step into the role of a forensic anthropologist as you learn to interpret clues left in bones. Exploring how the human body changes after death and how forensic pathologists study the body will narrow down a time of death. While performing PCR amplification and DNA electrophoresis, you will discover how scientists can distinguish between perpetrators and victims. Delving into criminology and psychology can help while looking at potential suspects. Trace analysis of hair and fabric, combined with fingerprint and insect analysis, will be used to solve a crime mystery at the end of the course. Instructor: Heather Ward
Course: YTH037 5 Sessions
$200 + $50 fee = $250; Non-Md. residents add $25
Rockville Campus
Grades 6–8
CRN#: 15515  M,T,W,R,F  7/13–7/17  9 a.m.–12 p.m.

Fast Track to Fractions and Decimals
Do you struggle with fractions and decimal operations? Do you understand the relationship between the two? This course will put you on the fast track to understanding the relationship between fractions and decimals and will set you up to be successful in future math classes. Instructor: Abygail Owen
Course: YTH057 5 Sessions
$120 + $55 fee = $175; Non-Md. residents add $25
Germantown Campus
Grades 6–8
CRN#: 15507  M,T,W,R,F  7/27–7/31  1–4 p.m.
CRN#: 15508  M,T,W,R,F  8/3–8/7  1–4 p.m.
CRN#: 15509  M,T,W,R,F  8/10–8/14  1–4 p.m.

Financial Literacy: Budget Basics Updated!
This course is designed to help you understand the importance of financial literacy. Learning life skills such as creating a budget, balancing a checking account, calculating interest on a savings account and more. This course will allow you to put your newly acquired skills into action by creating a budget and includes researching professions and their earnings. Lots of choices and useful lessons for adult responsibilities and life. Instructor: Abygail Owen
Course: YTH105 4 Sessions
$100 + $40 fee = $140; Non-Md. residents add $25
Rockville Campus
Grades 6–8
CRN#: 15609  M,T,W,R  6/29–7/2  9 a.m.–12 p.m.

Fort Fast Track to Fractions and Decimals
Do you struggle with fractions and decimal operations? Do you understand the relationship between the two? This course will put you on the fast track to understanding the relationship between fractions and decimals and will set you up to be successful in future math classes. Instructor: Abygail Owen
Course: YTH057 5 Sessions
$120 + $55 fee = $175; Non-Md. residents add $25
Germantown Campus
Grades 6–8
CRN#: 15507  M,T,W,R,F  7/27–7/31  1–4 p.m.
CRN#: 15508  M,T,W,R,F  8/3–8/7  1–4 p.m.
CRN#: 15509  M,T,W,R,F  8/10–8/14  1–4 p.m.

Financial Literacy: Budget Basics Updated!
This course is designed to help you understand the importance of financial literacy. Learning life skills such as creating a budget, balancing a checking account, calculating interest on a savings account and more. This course will allow you to put your newly acquired skills into action by creating a budget and includes researching professions and their earnings. Lots of choices and useful lessons for adult responsibilities and life. Instructor: Abygail Owen
Course: YTH105 4 Sessions
$100 + $40 fee = $140; Non-Md. residents add $25
Rockville Campus
Grades 6–8
CRN#: 15609  M,T,W,R  6/29–7/2  9 a.m.–12 p.m.

Forensic Crime Scene Investigators NEW
This highly interactive course allows you to combine biology, chemistry, and physics in real-world applications of forensic science. You step into the role of a Crime Scene investigator as you learn how to process crime scenes. Starting the minute you step onto the scene, you learn to photograph, sketch, and collect the evidence. Evidence processing includes fingerprint development and analysis, blood spatter reconstruction, insect evidence, and shoe print collection. You will get a hands-on experience at solving crimes. Instructor: Heather Ward
Course: YTH110 5 Sessions
$200 + $50 fee = $250; Non-Md. residents add $25
Rockville Campus
Grades 9–12
CRN#: 15616  M,T,W,R,F  7/6–7/10  1–4 p.m.
CRN#: 15617  M,T,W,R,F  7/13–7/17  1–4 p.m.
CRN#: 15618  M,T,W,R,F  7/20–7/24  1–4 p.m.

Forward-Thinking Interior Design
Design is everywhere! Explore forward-thinking interior design. This class is a hands-on, project-based course that allows you to become a spatial problem solver and help develop design solutions with your peers. You will exercise room design, color interpretations, cost estimating, and interviewing skills. This is a fast-paced "crash course" in interior design where technical knowledge is applicable to various design fields. This course will provide an overview of what is expected in the design field. We will discuss current energy innovations, Smart Home technology, Universal design, green design, and current trends in the industry. Instructor: Julie Priddy ASID, CMKBD, NCIDQ, MC faculty
Course: YOU976 5 Sessions
$350 + $100 fee = $450; Non-Md. residents add $25
Rockville Campus
Grades 9–12
CRN#: 15485  M,T,W,R,F  7/27–7/31  9 a.m.–4 p.m.

Geography and Cartography: The Science of “Where” NEW
How do you describe a piece of the earth in 2D? Join us for a week-long workshop that will test our geographic knowledge, skills, and take us out and about campus, eventually returning us into the cartography lab for our very own mapping projects. You will learn how to analyze information, solve problems and show findings in a visual format (maps). Come learn cartographic fundamentals and concepts to help better convey your cartography experience at solving crimes. Instructor: Heather Ward
Course: YTH110 5 Sessions
$200 + $50 fee = $250; Non-Md. residents add $25
Rockville Campus
Grades 9–12
CRN#: 15616  M,T,W,R,F  7/6–7/10  1–4 p.m.
CRN#: 15617  M,T,W,R,F  7/13–7/17  1–4 p.m.
CRN#: 15618  M,T,W,R,F  7/20–7/24  1–4 p.m.

Forward-Thinking Interior Design
Design is everywhere! Explore forward-thinking interior design. This class is a hands-on, project-based course that allows you to become a spatial problem solver and help develop design solutions with your peers. You will exercise room design, color interpretations, cost estimating, and interviewing skills. This is a fast-paced "crash course" in interior design where technical knowledge is applicable to various design fields. This course will provide an overview of what is expected in the design field. We will discuss current energy innovations, Smart Home technology, Universal design, green design, and current trends in the industry. Instructor: Julie Priddy ASID, CMKBD, NCIDQ, MC faculty
Course: YOU976 5 Sessions
$350 + $100 fee = $450; Non-Md. residents add $25
Rockville Campus
Grades 9–12
CRN#: 15485  M,T,W,R,F  7/27–7/31  9 a.m.–4 p.m.

Geography and Cartography: The Science of “Where” NEW
How do you describe a piece of the earth in 2D? Join us for a week-long workshop that will test our geographic knowledge, skills, and take us out and about campus, eventually returning us into the cartography lab for our very own mapping projects. You will learn how to analyze information, solve problems and show findings in a visual format (maps). Come learn cartographic fundamentals and concepts to help better convey your cartography experience at solving crimes. Instructor: Heather Ward
Course: YTH110 5 Sessions
$200 + $50 fee = $250; Non-Md. residents add $25
Rockville Campus
Grades 9–12
CRN#: 15616  M,T,W,R,F  7/6–7/10  1–4 p.m.
CRN#: 15617  M,T,W,R,F  7/13–7/17  1–4 p.m.
CRN#: 15618  M,T,W,R,F  7/20–7/24  1–4 p.m.

Forward-Thinking Interior Design
Design is everywhere! Explore forward-thinking interior design. This class is a hands-on, project-based course that allows you to become a spatial problem solver and help develop design solutions with your peers. You will exercise room design, color interpretations, cost estimating, and interviewing skills. This is a fast-paced "crash course" in interior design where technical knowledge is applicable to various design fields. This course will provide an overview of what is expected in the design field. We will discuss current energy innovations, Smart Home technology, Universal design, green design, and current trends in the industry. Instructor: Julie Priddy ASID, CMKBD, NCIDQ, MC faculty
Course: YOU976 5 Sessions
$350 + $100 fee = $450; Non-Md. residents add $25
Rockville Campus
Grades 9–12
CRN#: 15485  M,T,W,R,F  7/27–7/31  9 a.m.–4 p.m.

Geography and Cartography: The Science of “Where” NEW
How do you describe a piece of the earth in 2D? Join us for a week-long workshop that will test our geographic knowledge, skills, and take us out and about campus, eventually returning us into the cartography lab for our very own mapping projects. You will learn how to analyze information, solve problems and show findings in a visual format (maps). Come learn cartographic fundamentals and concepts to help better convey your cartography experience at solving crimes. Instructor: Heather Ward
Course: YTH110 5 Sessions
$200 + $50 fee = $250; Non-Md. residents add $25
 Rockville Campus
Grades 9–12
CRN#: 15616  M,T,W,R,F  7/6–7/10  1–4 p.m.
CRN#: 15617  M,T,W,R,F  7/13–7/17  1–4 p.m.
CRN#: 15618  M,T,W,R,F  7/20–7/24  1–4 p.m.
Growing Project Managers  Updated!
The course will introduce you to fun ways to manage the moving parts of a project from start to finish. You will get a chance to practice skills like project management, quality assurance and socialization skills. You will develop mini projects through creative computing and web design with the help of online Karel the dog. You learn to program basic Python with Tracy the Turtle and learn effective way of executing a presentation. By the end of the camp, you will have learned and designed project of your own. Instructor: Enitan Okusanya

Course: YTH191  5 Sessions
$275 + $50 fee = $325; Non-Md. residents add $25

Rockville Campus
Grades 6–8
CRN#: 15732  M,T,W,R,F  7/20–7/24  9 a.m.–3 p.m.
CRN#: 15733  M,T,W,R,F  7/27–7/31  9 a.m.–3 p.m.

GURL Power
Gurl Power aims to encourage young women to explore Science, Technology, Engineering, Art and Mathematics (STEAM). We will learn and apply computational thinking, the engineering design process and coding skills through creating projects using Scratch, TinkerCad and CodePen. Come explore the steps used to go from concept to prototype and apply your creativity using your newly learned skills! Instructor: Jo Doerrman

Course: YOU833  5 Sessions
$225 + $55 fee = $280; Non-Md. residents add $25

Germantown Campus
Grades 6–8 (Girls Only)
CRN#: 15588  M,T,W,R,F  7/20–7/24  9 a.m.–3 p.m.

Rockville Campus
Grades 6–8 (Girls Only)
CRN#: 15589  M,T,W,R,F  7/27–7/31  9 a.m.–3 p.m.

Health is Wealth  NEW
Due to social media and technology, people are increasingly driven and motivated by external factors like who viewed their page, how many comments they get, and the perception of everyone online having a lot of money. However, wise people know that popularity and money does not guarantee happiness. One way to be truly happy is to be mentally, emotionally, and physically healthy. Intrinsic motivation and holistic health is the foundation of this workshop. You will learn the importance of executive brain functioning, social/ emotional skills, and physical training workout routines.


Course: YTH166  5 Sessions
$200 + $50 fee = $250; Non-Md. residents add $25

Rockville Campus
Grades 6–8

Intro to Architectural Design: Spatial Design Process  NEW
Explore the design thinking framework of architecture. This class is a hands-on course that exercises both spatial problem solving and the development of design solutions with your peers. You will exercise drawing and model building throughout the week. Each day we will analyze a different design project!

**Note** You will be using tools to cut materials such as paper, foam, and wood. Instructor: Edrie Eichler, MC faculty

Course YTH113  5 Sessions
$165 + $55 fee = $220; Non-Md. residents add $25

Rockville Campus
Grades 6–8
CRN#: 45986  M,T,W,R,F  6/22–6/26  9 a.m.–12 p.m.

It’s a Museum City
Explore the most remarkable art museums and exhibitions in Washington, DC, let alone the world! Travel by Metro to the cultural wing of The Hirshhorn, The Renwick, The American Museum of Natural History, The National Building Museum, including access to this year’s special art installation, and, finally, back to the Mall to the Air and Space Museum. We’ll discuss cultural themes and elements of art such as color, texture, and shape and take advantage of museum educational programs. So bring your lunch and wear your walking shoes, as we’ll visit one museum a day for a week. In the event of museum schedule changes, we may consider visiting other museums, such as the National Museum of African American History and Culture, The Museum of American History, or The National Gallery of Art.

Instructor: Jessica Hall, MC Faculty

Course: YTH124  4 Sessions
$200 + $90 fee = $290; Non-Md. residents add $25

Rockville Campus
Grades 3–5
CRN#: 15743  M,T,W,R  6/29–7/2  9 a.m.–4 p.m.

It’s Up for Debate
In this camp, you will learn the main aspects of organized debating including the structure, format and procedures by which debates are conducted. You will learn how to research a subject area and to formulate arguments. And you will learn how to view all sides of an argument and apply this skill not only to discussion in this camp, but, hopefully to all aspects of your life.

Instructor: Kraig Bauer

Course: YTH107  10 Sessions
$200 + $50 fee = $250; Non-Md. residents add $25

Rockville Campus
Grades 6–8 (GT)
CRN#: 15613  M,T,W,R,F  7/6–7/17  9 a.m.–12 p.m.
Java Programming Introduction
Learn Java programming in Montgomery College's hands-on computer labs. Learn Object Oriented Programming (OOP) essentials and use Java's Software Development Kit (JDK) to compile and run programs. Topics include data types, operators, loops, classes, objects, methods, arrays, and class inheritance. Use AWT and Java Swing packages to develop Graphical User Interface (GUI) web applications, including event listeners, text boxes, radio buttons, check boxes, menus, and images. Instructor-led in-class exercises and textbook exercises will be emphasized for hands-on teaching of programming skills. Prerequisites: Algebra skills. Basic knowledge of computers (starting programs, saving files).

For those with interests in science and computer science.

Instructor: Stephen Sell

Course: YOU794 9 Sessions
$360 + $60 fee = $420; Non-Md. residents add $25

Germantown Campus
Grades 9–12 (GT)
CRN#: 45966 M,T,W,R,F 6/22–7/2 1–4 p.m.

Kayboarding for Computers
It’s never too soon to learn basic keyboarding skills. Don’t get caught in the "hunt-and-peck" method trap! Learn correct finger positions so you will be an efficient computer operator. One student per IBM compatible computer. Each student will receive a Kayboarding book.

Instructor: Janet Bergman

Course: SCH294 5 Sessions
$110 + $55 fee = $165; Non-Md. residents add $25

Rockville Campus
Grades 6–8
CRN#: 15538 M,T,W,R,F 7/20–7/24 9 a.m.–12 p.m.
CRN#: 15539 M,T,W,R,F 8/3–8/7 9 a.m.–12 p.m.

Kidpreneur Camp: Part 1 Updated!
Are you interested in building something innovative and profitable with a team of creative, business-minded peers? Learn directly from entrepreneurs in the Southern Management Leadership Program. Work in teams to learn about developing a business idea, taking out business loans, fundraising, and marketing. The week concludes with group presentations of the selected ideas to a panel of judges for feedback. Instructors: Southern Management Leadership Program Scholars.

Course: YTH060 5 Sessions
$160 + $60 fee = $220; Non-Md. residents add $25

Rockville Campus
Grades 6–8
CRN#: 15521 M,T,W,R,F 7/6–7/10 9 a.m.–12 p.m.
CRN#: 15523 M,T,W,R,F 7/13–7/17 9 a.m.–12 p.m.

Germantown Campus
Grades 6–8
CRN#: 15522 M,T,W,R,F 7/20–7/24 9 a.m.–12 p.m.
CRN#: 15524 M,T,W,R,F 7/27–7/31 9 a.m.–12 p.m.

Kidpreneur Camp: Part 2 Updated!
Do you have an idea about how to tackle a social or environmental problem in your community? This session will teach you how to take your new entrepreneurial skills and apply them to an issue you are passionate about. At the end of the week, you will create and present a social enterprise graphic organizer that describes the important elements of their idea based on the Strategizer business model canvas for feedback and reflections from their peers. You can and are encouraged to use your creation to launch a public campaign to address your issue. It is recommended that you take this session after completion of Part 1. MCPS has approved this camp session for 10 Student Service Learning (SSL) hours. Instructors: Southern Management Leadership Program Scholars.

Course: YTH061 5 Sessions
$160 + $60 fee = $220; Non-Md. residents add $25

Rockville Campus
Grades 6–8
CRN#: 15527 M,T,W,R,F 7/6–7/10 1–4 p.m.
CRN#: 15525 M,T,W,R,F 7/13–7/17 1–4 p.m.

Germantown Campus
Grades 6–8
CRN#: 15528 M,T,W,R,F 7/20–7/24 1–4 p.m.
CRN#: 15526 M,T,W,R,F 7/27–7/31 1–4 p.m.

Legal Eagles I: Trial by Jury
Imagine for a moment you were going to determine whether someone is innocent or guilty. Take turns being a prosecutor, judge, and jury in this intriguing introduction to law and the court system. Within this course, you get to hear cases, present testimony, and decide the verdict in a mock trial. To do this however, you will learn the basics of being a lawyer and the tools and tactics that they use. You will become familiar with identifying problems with legal arguments, how to use evidence to prove your case, the art of debate, and how to interpret different laws to defend your clients. Additionally, you will also learn some of the stranger laws that are still on the books and how they got to be there.

Instructor: Paul Kio

Course: YOU885 5 Sessions
$155 + $55 fee = $210; Non-Md. residents add $25

Rockville Campus
Grades 6–8
CRN#: 15448 M,T,W,R,F 7/6–7/10 1–4 p.m.
CRN#: 15449 M,T,W,R,F 7/13–7/17 9 a.m.–12 p.m.
Legal Eagles II: Advanced Trials
Legal Eagles: Advanced Trials will engage you in a variety of topics to enhance and develop your skills in logic-based reasoning and its applications to case law. The topics to be covered within this class are as follows: A Brief Review of Legal Background and Procedures, Logic Based Reasoning Exercises, and Mock Trials in Civil and Criminal Law. By the end of the class, you will have gained experience in argumentation techniques, organization and categorization of evidence, evidence interpretation, and will have a comfortable and fluid understanding of the trial process and its various procedures. This course is designed for those who have already taken Legal Eagles I: Trial by Jury or have previous knowledge or experience in studying law. Instructor: Paul Kio
Course: YOU886  5 Sessions
$155 + $55 fee = $210; Non-Md. residents add $25
Rockville Campus
Grades 6–8
CRN#: 15450  M,T,W,R,F  7/20–7/24  9 a.m.–3 p.m.
CRN#: 15451  M,T,W,R,F  7/27–7/31  9 a.m.–3 p.m.

Mad Scientists Unite! Science in the Kitchen
What kind of science can you find in the kitchen? Come explore through a variety of cooking investigations. You will learn to make predictions, develop experiments, explore the five senses and understand how food changes during the cooking process. The culminating activity will be "Master Chef" style. You will be given a box of ingredients and asked to make a creation based on the scientific concept assigned. Instructor: Tanya Cain
Course: YTH176  5 Sessions
$175 + $50 fee = $225; Non-Md. residents add $25
Rockville Campus
Grades 3–5
CRN#: 15715  M,T,W,R,F  7/13–7/17  9 a.m.–12 p.m.
CRN#: 15716  M,T,W,R,F  8/3–8/7  9 a.m.–12 p.m.

Marine Biology/Life in the Oceans
Marine biology is the study of marine life. You will examine marine organisms from each of the major oceanic zones. Both live and preserved specimens will be available for observations, and experimentation as well as the dissection of preserved specimens. You will also develop a greater appreciation and understanding of marine systems, specifically the role these representative organisms play in the ecosystem. Particular attention will be paid to the anatomy, reproduction, and ecology of representative organisms. Many of the labs will be messy. Not for the squeamish! Instructor: Ijeoma Otigbuo, MC Faculty
Course: YTH164  5 Sessions
$360 + $100 fee = $460; Non-Md. residents add $225
Rockville Campus
Grades 6–8
CRN#: 15706  M,T,W,R,F  7/13–7/17  9 a.m.–3 p.m.
Grades 9–12
CRN#: 15707  M,T,W,R,F  7/20–7/24  9 a.m.–3 p.m.

Mastering Writing Techniques
Are you an avid reader or a serious writer? Do you want an opportunity to master your writing skills? This course will teach you the techniques you need. Examine samples of children's books by famous writers. Learn how they use figurative language to create masterful works of art. Share ideas and critique works by your peers. Then, create your very own masterpiece. Instructor: Natalie Evans
Course: SCH982  4 Sessions
$140 + $50 fee = $190; Non-Md. residents add $25
Rockville Campus
Grades 3–5
CRN#: 15545  M,T,W,R  6/29–7/2  1–4 p.m.

Mesmerizing Memoirs: The Story of Me
Sponsored by the Sandy Sonner Endowment at Montgomery College, we are pleased to offer a week of writing exploration. Writing is one of the oldest and most beloved ways human beings express themselves. You will embark on a week long journey into developing your writer's craft. Writing activities will include Fairy-tale Do-overs; Create your Own Jokes and Riddles; Fictional and Non-Fictional Pet Stories; Design a How-To-Guide; The true story behind...; “Grammarama” Games, Autobiographies/Memoir-making. You will use evaluation rubrics, self-assessment checklists, peer-editing and other diverse tools for developing your writing skills. By the end of the week, you will finish with a complete published book, have learned more about your voice and yourself, and complete a reflection on what writing means to you. Instructor: Jessica Hall
Course: YTH198  5 Sessions
$165 + $50 fee = $215; Non-Md. residents add $25 fee
Rockville Campus
Grades 3–5
CRN#: 46000  M,T,W,R,F  6/22–6/26  9 a.m.–12 p.m.

Music Makers
Music Makers is a space where children explore their unlimited imagination through performing and making music together, drawing about music, moving, dancing and above all, enjoying a life-transforming community experience. During this course, campers will be able to sing and play songs using small percussion instruments, read basic rhythms, compose a collective song, learn about music styles, orchestral instruments, composers, associate visual art with music, as well as becoming familiar with basic music concepts through music and movement activities. No prior musical experience is required. Instructor: Keyla Orozco
Course: YTH199  5 Sessions
$190 + $60 fee = $250; Non-Md. residents add $25 fee
Rockville Campus
Grades 3–5
CRN#: 15718  M,T,W,R,F  7/13–7/17  9 a.m.–3 p.m.
CRN#: 15719  M,T,W,R,F  7/27–7/31  9 a.m.–3 p.m.
Mysteries in History
Who built Stonehenge and why? Where are the Seven Wonders of the World, and who decided they were wonderful? What happened to the people of Easter Island? How did the Egyptians build the pyramids without using pulleys? These and other mysterious events in history make learning an exciting process and introduce you to intriguing events from the past. This class is a historic version of “Unsolved Mysteries” and promises to be just as entertaining. Instructor: Paul Kio
Course: YOU704  5 Sessions
$155 + $55 fee = $210; Non-Md. residents add $25
Rockville Campus
Grades 6–8
CRN#: 15583  M,T,W,R,F  7/6–7/10  9 a.m.–12 p.m.
CRN#: 15584  M,T,W,R,F  7/27–7/31  1–4 p.m.

Photography—Beyond the “iPhone”
Sure, you can take good pictures with your phone, but there is photography beyond Instagram. How do you take your photographs to the next level with a real camera? Why are photographs better when using a real digital camera, or are they? How can you advance your technical and creative skills? What does it take to shoot a magazine cover? Do you want to be a professional photographer, and if so, what does that mean? All these questions and more will be answered in this hands-on photography camp. Enrollees MUST bring a digital camera that can be set to manual, and a memory card. No iPhones will be used. The camera’s battery must be fully charged. Also required is a card reader or connector cable, so you can upload files. Please bring your camera owner’s manual on day one. THIS IS NOT AN iPHONE PHOTOGRAPHY COURSE. Instructor: professional photographer Robert Severi
Course: YTH072  5 Sessions
$175 + $50 fee = $225; Non-Md. residents add $25
Takoma Park/Silver Spring Campus
Grades: 9–12
CRN#: 45984  M,T,W,R,F  6/22–6/26  9 a.m.–12 p.m.
CRN#: 15529  M,T,W,R,F  7/20–7/24  9 a.m.–12 p.m.

Psych: What It All Means
The taste of watermelon—the memory of your birthday—the wonder of optical illusions—the meaning of dreams—understanding this is all made possible through psychology. In this hands-on class, you will learn the regions of the brain and construct a brain model, you will discover the functions of the five senses and test your functions, create optical illusions, understand the stages of sleep, and meaning of dreams, learn way to improve your memory, and discover techniques to train people and pets. Instructor: Jenn Bauer
Course: YOU467  5 Sessions
$145 + $55 fee = $200; Non-Md. residents add $25
Rockville Campus
Grades 6–8
CRN#: 45962  M,T,W,R,F  6/22–6/26  9 a.m.–12 p.m.

Python: A Practical Introduction to Programming
Learn to program with Python. Python is an open-source, contemporary programming language that is widely used not only in colleges and high schools to teach introductory programming, but also in the development of software and cyber-security programs, among other things. Learn to solve problems and apply standard programming concepts such as variables, math operators, data types, decisions, loops, functions, objects, Graphical User Interfaces (GUIs), and modules. Develop, games, random functions, graphic animations and other programs in this hands-on class. Prerequisites: Algebra skills, basic knowledge of computers (starting programs, saving files). Instructor: Stephen Sell
Course: YOU796  9 Sessions
$360 + $60 fee = $420; Non-Md. residents add $25
Germantown Campus
Grades 9–12 GT

Reading Adventures
Kindle your love of reading by traveling to many exciting places through the magic of books. Dozens of stories will be read and explored with songs, discussions, poetry, art projects, and grammar games. You will also get several opportunities to create your own stories, including your own Dr. Seuss-like book. Instructor: Natalie Evans
Course: SCH909  5 Sessions
$130 + $50 = $180; Non-Md. residents add $25 fee
Rockville Campus
Grades 1–2
CRN#: 15540  M,T,W,R,F  7/13–7/17  9 a.m.–12 p.m.

Reading for the SAT/ACT
An overview of the reading sections for the SAT & ACT. The course will cover strategies, techniques and key aspects to look for when taking the SAT & ACT tests. This will include practice to employ and refine these skills. Instructor: Kraig Bauer
Course: YOU729  5 Sessions
$145 + $55 fee = $200; Non-Md. residents add $25
Rockville Campus
Grades 9–12
CRN#: 45964  M,T,W,R,F  6/22–6/26  9 a.m.–12 p.m.

Secret Life of Plants
Come dive into an introduction of botany and entomology. With hands-on and creative experiences, we will explore the mysteries of plants and the insects that pollinate them. Come learn if plants have feelings, what keeps them upright, do they communicate, how they make food, how they coexist with bugs, and so much more! Instructor: Melisa Felipe
Course: YTH197  5 Sessions
$270 + $50 fee = $320; Non-Md. residents add $25
Germantown Campus
Grades 3–5
CRN#: 15739  M,T,W,R,F  7/20–7/24  9 a.m.–4 p.m.
Slime Time! NEW
Are you ready to have a slimy good time? Come learn how to make both edible and non-edible slimy creations. You will make a different slime each day from scratch. Participants will learn the chemistry behind slime and have a gooey good time!

Instructor: Tanya Cain

Course: YTH175 5 Sessions
$175 + $50 fee = $225; Non-Md. residents add $25

Rockville Campus
Grades 3–5
CRN#: 45997 M,T,W,R,F 6/22–6/26 9 a.m.–12 p.m.
CRN#: 15714 M,T,W,R,F 8/10–8/14 1–4 p.m.

S’more Fun this Summer??
Have you ever honored a snack? This week we will honor the most famous campfire snack—the S’more. We will learn about cooking outdoors using the oldest from of energy, the sun. You will experiment and gather data about types of cooking materials, colored paper, and temperatures in order to build various solar cookers so you can create yummy snacks, including s’mores! A STEM skills camp.

Instructor: Ramona Johnson

Course: YTH021 5 Sessions
$175 + $50 fee = $225; Non-Md. residents add $25

Rockville Campus
Grades 3–5
CRN#: 15505 M,T,W,R,F 8/10–8/14 9 a.m.–12 p.m.

Grades 1–2
CRN#: 15506 M,T,W,R,F 8/10–8/14 1–4 p.m.

S.T.E.A.M. Forward NEW
The S.T.E.A.M. Forward camp focuses on expanding the basic concepts that you learn in the classroom by providing immersive and hands-on activities that give context to STEAM fundamentals. You will have the opportunity to explore the world of chemistry, biology, engineering, physics, and art through hands-on experimentation in a laboratory setting. You will work collaboratively to develop, design, and execute various STEAM projects while practicing soft skills along the way. Through engagement with STEM professionals, you will learn about STEM career paths and gain necessary skills to help you succeed.

Instructors: Dr. Jeanita Pritchett (MC part-time faculty member of the year and academic manager at NIST) and Dr. Christina Jones (NIST Research Chemist).

Course: YTH167 5 Sessions
$200 + $50 fee = $250; Non-Md. residents add $25

Rockville Campus
Grades 6–8
CRN#: 46026 M,T,W,R,F 6/22–6/26 9 a.m.–3 p.m.
CRN#: 15701 M,T,W,R,F 7/6–7/10 9 a.m.–3 p.m.
The Success Cycle

There will never be a surefire way or proven path to success, but there are common traits and beliefs among the most successful people that make them stand apart from the rest. The Success Cycle Series focuses on how to use visualization techniques, create and manage SMART goals, receive feedback and a develop strategies for success, both personally and professionally. Successful people look like everyone else, but they think and act differently. They set big goals for themselves, and they consistently accomplish them. And if they fail occasionally, which we all do, they just pick themselves up and try again considering the prior experience a lesson learned. Instructors: Dr. Jeanita Pritchett (MC part time faculty of the year and Academic Manager at NIST) and Kara Arnold, International and Academic Office, NIST

Course: YTH168  5 Sessions
$200 + $50 fee = $250; Non-Md. residents add $25

Rockville Campus
Grades 6–8
CRN#: 45996  M,T,W,R,F  6/22–6/26  9 a.m.–12 p.m.

Traveling History: The 19th Amendment (100th Anniversary of Woman’s Suffrage)

“Mr. President, How Long Must We Wait?” Learn how this call for women’s suffrage helped shape U.S. history. Together, we’ll explore remarkable historic sites in Washington, D.C., that pay tribute to the fight for voting rights for women in the United States. We’ll discuss key leaders of the Women’s Suffrage Movement including Susan B. Anthony, Ida B. Wells, Sojourner Truth, and Lucretia Mott. We’ll also research and discuss the importance of the 1848 Seneca Falls Convention. Bring your lunch and walking shoes, as we’ll visit The Lincoln Memorial, The Museum of American History, National Portrait Gallery, and other museums and historic sites throughout the week that pay tribute to our American Presidents. You will choose a current topic and create a fact sheet. Through this research, you will learn how to use your ideas to advocate for change and improvement in their community. MCPS has approved this camp session for 10 Student Service Learning (SSL) hours. Instructor: Jerome Price

Course: YTH169  5 Sessions
$265 + $100 fee = $365; Non-Md. residents add $25

Rockville Campus
Grades 6–8
CRN#: 15709  M,T,W,R,F  7/13–7/17  9 a.m.–4 p.m.

Traveling History: The American Presidents

Want to learn more about the 45 leaders of the Executive Branch of government? Learn how each president impacted the lives of American citizens—both young and old! We’ll participate in discussions and research a former U.S. President, each. Bring your lunch and walking shoes, as we’ll visit The Lincoln Memorial, The Museum of American History, National Portrait Gallery, and other museums and historic sites throughout the week that pay tribute to our American Presidents. You will choose a current topic and create a fact sheet. Through this research, you will learn how to use your ideas to advocate for change and improvement in your community. MCPS has approved this camp session for 10 Student Service Learning (SSL) hours. Instructor: Jerome Price

Course: YTH169  5 Sessions
$265 + $100 fee = $365; Non-Md. residents add $25

Rockville Campus
Grades 6–8
CRN#: 15709  M,T,W,R,F  7/13–7/17  9 a.m.–4 p.m.

Traveling History: The Fight for Civil Rights

Stand where Dr. King delivered his famous “I Have a Dream” speech, explore the National Museum of African American History and Culture, and stroll down the U. Street neighborhood once known as “Black Broadway”. Together, we will uncover the powerful stories of ordinary Americans who fought to achieve and protect the civil rights of African Americans during the 1950s and 1960s. Bring your lunch and walking shoes, as we’ll visit museums and historic sites throughout the week. We’ll also hear from some veterans of the Civil Rights Movement! The students will choose a current topic and create a fact sheet. Through this research, you will learn how to use your ideas to advocate for change and improvement in your community. MCPS has approved this camp session for 10 Student Service Learning (SSL) hours. Instructor: Jerome Price

Course: YTH171  5 Sessions
$265 + $100 fee = $365; Non-Md. residents add $25

Rockville Campus
Grades 6–8
CRN#: 15711  M,T,W,R,F  7/20–7/24  9 a.m.–4 p.m.
Web Design
The worlds of Web and visual arts collide in this cutting-edge introductory course. Learn to make your own website and how to take professional pictures and import them to your site. Explore the basics of color theory and make your website pop with dynamic animations created in Adobe Flash. Create anything from a basic web page to an innovative, artistic site with interactive functions. Then publish your vision online to share with friends, family, our summer web camps and the world to see! In order to publish your projects on free web space, you will need an e-mail account prior to the first day of class. Please remember to keep your password in a safe place.

**Instructor:** David Hill

**Course:** YTH093  9 Sessions
$410 + $70 = $480; Non-Md. residents add $25

**Rockville Campus**
**Grades 6–8**

Writing for the SAT and ACT
Prepare for the writing section of the SAT and ACT. Analyze typical essay prompts and sample responses. Learn to support your opinions by using your own experiences and readings to accomplish the task of writing to a persuasive prompt. Using logical thinking, enhance your awareness of the structure of your arguments and avoid fallacies in reasoning. Practice writing the parts of an essay, composing entire essays, and revising and evaluating your own writing and that of your peers. Engage in group games and activities to heighten your knowledge and skill set of grammar and test taking skills. Increase your ability to write in timed situations. Add rhetorical strategies to your repertoire of writing skills and improve your understanding of Standard English usage through instruction, individual and group practice. Enhance your skill set for the multiple-choice questions on both tests. In small groups break apart all types of multiple-choice questions to arrive at effective methods for answering multiple choice questions. Practice skills learned and take practice tests to heighten your comfort with the testing situation. **Instructor:** Jennifer Bauer

**Course:** YTH106  10 Sessions
$200 + $50 fee = $250; Non-Md. residents add $25

**Rockville Campus**
**Grades 9–12**
CRN#: 15610  M,T,W,R,F  8/10–8/14  9 a.m.–12 p.m.

Yoga, Meditation and Storytelling: Developing Flexibility and Having Fun!
All bodies and minds benefit from the development of a yoga and meditation practice. In this camp, you will learn and practice yoga poses that are both fun and beneficial! You will also do fun games, partner poses, and learn a few words in Sanskrit! The benefits of developing a yoga practice for a young person include building self-esteem, increasing flexibility and strength, learning stress management, learning respect for self and others, managing growing pains, and improving focus. This course will also include some writing. **Instructor:** Jessica Hall

**Course:** YOU981  5 Sessions
$165 + $50 fee = $215; Non-Md. residents add $25

**Rockville Campus**
**Grades 3–5**

**Attention High School Seniors!**
Have you taken the placement test and your score is not what you had hoped for? Are you unsure how you will do on the placement test and would like to be prepared? Montgomery College **Placement Test Prep** may help you.

Support is available before, during, and after the program.

**Available subjects:** Math, Reading, and Writing
Course cost: $45 tuition + $50 fee = $95; Non-Md resident add $50

For registration information or if you have any questions e-mail: accuplacerprep@montgomerycollege.edu

28 | Workforce Development and Continuing Education
**NEW** Abrakadoodle, one of the most well-established art education companies of its kind, inspires kids to reach beyond and create art that is unique to them. Offering extensive art classes for children of all ages, the goal is to help students develop their technical skills, gain an appreciation of artistic expression, build confidence, individually and as a part of a group, and experience other academic subject matter from an artistic perspective using the full range of visual arts media. All lessons are scaled to the age level designated in each camp, and are progressively more challenging and nuanced in the concepts and techniques presented to reflect students’ abilities.

Stephanie Burke EdS.—Abrakadoodle of Greater Silver Spring
Nancy Delasos—Abrakadoodle of Montgomery County

**America the Beautiful** NEW

The United States of America is a big country made up of fifty different states! From the coast of Florida to the mountains of Colorado, each state has its own unique traits. Make art inspired by midwest landscapes, California redwoods, Washington DC monuments, and more! Learn how artists like Helen Chellin and Lee Kelly are inspired by their home states. Begin your journey across America by exploring the United States!

Course: YTH114 5 Sessions
$170 + $65 fee = $235; Non-Md. residents add $25

**Rockville Campus**

- **Grades 9–12**
  - CRN#: 15621 M,T,W,R,F 8/3–8/7 1–4 p.m.

**ARTBLAST! STEAM Camp** NEW

Calling all boys and girls who have a creative, curious mind and like to explore! Learn about how science is an inspiration for many artists. Boost your imagination while you play and paint with magnets, explore robotic sculptures and technology. Develop your engineering skills and design your dream house! Create artistic math puzzles and much more while you ignite your creativity. Join us on the Abrakadoodle® STEAM art venture and have a blast!

Course: YTH115 5 Sessions
$170 + $50 fee = $220; Non-Md. residents add $25

**Rockville Campus**

- **Grades 3–5**
  - CRN#: 15622 M,T,W,R,F 8/3–8/7 9 a.m.–12 p.m.
  - CRN#: 15623 M,T,W,R,F 8/3–8/7 1–4 p.m.

- **Grades 6–8**
  - CRN#: 45988 M,T,W,R,F 6/22–6/26 9 a.m.–12 p.m.

**Bug Me! Art Camp** NEW

You are being bugged! This Creepy Crawler’s Camp is all about bugs, reptiles, nighttime adventures and the teeny tiny world of insects. We’ll create bug habitats, design mazes, and participate in creepy crawler races while learning about bug and reptile characteristics. Join Abrakadoodle, a good way to bring out your child’s inner Picasso for this buggy camp filled with insect art, mini-worlds and creative learning experiences!

Course: YTH117 5 Sessions
$170 + $50 fee = $220; Non-Md. residents add $25

**Rockville Campus**

- **Grades 1–2**

- **Grades 3–5**
  - CRN#: 15624 M,T,W,R,F 8/3–8/7 9 a.m.–12 p.m.

- **Grades 6–8**
  - CRN#: 15625 M,T,W,R,F 8/3–8/7 1–4 p.m.
Build It! Art Camp **NEW**

Kids are natural builders and this camp is all about building really cool stuff like large-scale sculptures, amazing structures, imaginative creatures, games and more. Kids work with a variety of tools and materials while combining wood, paint, glue, connectors, paper and kids' endless imaginations. Camp Build It! encourages collaboration as well as the development of individual skills and brain power.

**Course:** YTH150  
4 Sessions  
$120 + $50 fee = $170; Non-Md. residents add $25

**Rockville Campus**

**Grades 1–2**  
CRN#: 15684  
6/29–7/2  
1–4 p.m.

**Grades 6–8**  
CRN#: 15685  
6/29–7/2  
9 a.m.–12 p.m.

**Course:** YTH118  
5 Sessions  
$170 + $50 fee = $220; Non-Md. residents add $25

**Rockville Campus**

**Grades 3–5**  
CRN#: 15626  
7/27–7/31  
1–4 p.m.

**Germantown Campus**

**Grades 6–8**  
CRN#: 15627  
7/27–7/31  
1–4 p.m.

**Drawsters™—Animé **NEW**

Come study the fun and beautiful Japanese art of Animé. Learn how to create the unique look that is Animé, starting with the basics of head and facial features, then adding body motion and everything else to create your own Animé characters. Use shapes, colors and techniques with art materials used in the industry to produce finished Animé drawings and paintings.

**Course:** YTH149  
4 Sessions  
$138 + $50 fee = $188; Non-Md. residents add $25

**Rockville Campus**

**Grades 9–12**  
CRN#: 15683  
6/29–7/2  
9 a.m.–12 p.m.

**Course:** YTH119  
5 Sessions  
$170 + $65 fee = $235; Non-Md. residents add $25

**Rockville Campus**

**Grades 9–12**  
CRN#: 15630  
7/13–7/17  
1–4 p.m.

**Drawsters™—Cartoon Creations **NEW**

Abrakadoodle’s popular Drawsters™ program takes cartooning to a whole new level by incorporating cartooning into the creative process. Learn the art of cartooning, including imagining and sketching animals and characters, designing spacecraft, preparing animation cels and discovering the creative process for comic strips.

**Course:** YTH120  
5 Sessions  
$170 + $65 fee = $235; Non-Md. residents add $25

**Rockville Campus**

**Grades 9–12**  
CRN#: 45992  
6/22–6/26  
1–4 p.m.

**CRN#: 15629  
8/3–8/7  
9 a.m.–12 p.m.

**Drawsters™—Geometric Wonders **NEW**

Oh, the wondrous things shapes can do! Geometric shapes are the basis to design buildings, invent a flag, draw a still life, and more! Learn to use a simple drawing tool that can make geometric shapes for beautiful drawings ranging from abstraction to architecture to character design. Learn about architecture from a few angles: the centuries—old structure of Chinese pagodas, the wonder of cutting-edge building design in Dubai, and Gothic Chinese tangrams and Taiwanese painter Shaiu-Peng Chen. Create sleek, modern characters in the style of French artist Christopher Bettig. Hop on a Pop Art Bus to complete the fun while learning about contemporary New York artist Marco!

**Course:** YTH121  
5 Sessions  
$170 + $65 fee = $235; Non-Md. residents add $25

**Rockville Campus**

**Grades 9–12**  
CRN#: 15631  
8/10–8/14  
9 a.m.–12 p.m.

**Drawsters™—Sketcher Kids **NEW**

Learn how to draw and sketch what you see and even what you don’t see! Sketcher Kids will create their own personal sketchbooks just like professional artist. They’ll learn a variety of techniques and secrets that make drawing both easy and entertaining. They’ll have fun with cats, viewpoints, kid drawing and a variety of drawing materials and exercises. At the end, they’ll have their own personal sketchbook to take home and use again!

**Course:** YTH122  
5 Sessions  
$170 + $65 fee = $235; Non-Md. residents add $25

**Rockville Campus**

**Grades 9–12**  
CRN#: 15632  
7/6–7/10  
1–4 p.m.

**CRN#: 15633  
7/20–7/24  
1–4 p.m.
EXTREME! STEAM Art Camp  
Boys and girls climb aboard this creative experience to become a 21st-century innovator! In this camp, you will translate Science, Technology, Engineering and Math concepts into Art creations. Using a variety of art techniques, we will make a flying machine like Da Vinci, build a rocket ship, create an aerial view drone map and much more. Challenge your imagination and creativity and become an EXTREME artist.

Course: YTH148  
Fee $126 + $50 = $176; Non-Md. residents add $25

Rockville Campus
Grades 3–5
CRN#: 15681  M,T,W,R  6/29–7/2  9 a.m.–12 p.m.

Grades 6–8
CRN#: 15682  M,T,W,R  6/29–7/2  1–4 p.m.

Course: YTH123  
Fee $170 + $50 = $220; Non-Md. residents add $25

Rockville Campus
Grades 6–8

Germantown Campus
Grades 6–8
CRN#: 15635  M,T,W,R,F  7/27–7/31  9 a.m.–12 p.m.

Going Green  
Green kids care about the environment and we do, too, at Abrakadoodle! Our Green Kids create French santon statues in the style of Piet Mondrian, Chilean Rain Sticks, and Tiffany Lamp sculptures, while learning about fine artists such as Renoir, Gustav Klimt and Georges Braque. Each work of art is a masterpiece made with recycled materials that both decorate our world and help to keep our environment clean! We use many, many colors, but our emphasis is on Green!

Course: YTH146  
Fee $170 + $50 fee = $220; Non-Md. residents add $25

Rockville Campus
Grades 3–5
CRN#: 15673  M,T,W,R,F  7/6–7/10  9 a.m.–12 p.m.

CRN#: 15674  M,T,W,R,F  7/20–7/24  9 a.m.–12 p.m.

Germantown Campus
Grades 6–8
CRN#: 15675  M,T,W,R,F  7/6–7/10  1–4 p.m.

CRN#: 15676  M,T,W,R,F  7/20–7/24  9 a.m.–12 p.m.

It’s a Jungle Out There! Art Camp  
Jump with us into this jungle adventure! Bring your best imagination and learn about the rainforest while you create animals, insects, reptiles, flowers and much more. Learn new art techniques and create friendly sloths, toucans, snakes, and piranhas. Find inspiration in the rainforest habitat and its people while you hear about their customs and create a tree house collage.

Course: YTH147  
Fee $170 + $50 fee = $220; Non-Md. residents add $25

Rockville Campus
Grades 3–5
CRN#: 15677  M,T,W,R,F  8/10–8/14  1–4 p.m.

CRN#: 15678  M,T,W,R,F  7/13–7/17  1–4 p.m.

Grades 6–8
CRN#: 15679  M,T,W,R,F  8/10–8/14  9 a.m.–12 p.m.

Germantown Campus
Grades 6–8
CRN#: 15680  M,T,W,R,F  7/13–7/17  1–4 p.m.

Kids on Canvas®–East Meets West  
The sun rises in the East and sets in the West every day. Just so artists from East to West and everywhere in between create interesting and beautiful paintings every day! Traverse the world through the fantastical landscapes of English artist Poul Webb. Explore traditional motifs in vase paintings by Chinese artist Zhu Yongjin. Have fun creating art with Miffy the bunny inspired by Chinese painter Liu Ye. Create eye-popping portraits inspired by vibrant Latvian artist Elita Patmalniece and enormous trees in the style of ingenious American Disney illustrator Eyvind Earle. Explore color through the circular abstracts of Japanese artist Atsuko Tanaka. Grab a paintbrush and have a world of fun learning about amazing artwork from Turkey to Iceland to Korea and back!

Course: YTH138  
Fee $170 + $65 fee = $235; Non-Md. residents add $25

Rockville Campus
Grades 9–12
CRN#: 15651  M,T,W,R,F  7/6–7/10  9 a.m.–12 p.m.

CRN#: 15652  M,T,W,R,F  7/20–7/24  9 a.m.–12 p.m.
Kids on Canvas®—No Ordinary Art  NEW
These are no ordinary paintings! Get ready for a Kids on Canvas® painting adventure that features fabulous artists, acrylic painting techniques, and most importantly, buckets of fun! Create paintings that explore patterns, include texture, and incorporate design while learning about the great Dutch master Vincent van Gogh, renowned Japanese artist Katsuhiko Hibino, colorful Brazilian artist Romero Britto, and celebrated Cuban painter Amelia Peláez. We also have some super, Picasso-style fun!

Course: YTH140  5 Sessions
$170 + $65 fee = $235; Non-Md. residents add $25

Rockville Campus
Grades 9–12
CRN#: 15654  M,T,W,R,F  7/13–7/17  9 a.m.–12 p.m.
CRN#: 15655  M,T,W,R,F  8/10–8/14  1–4 p.m.

Painting Step by Step  NEW
Step into painting with Abrakadoodle and learn that you can create amazing artwork! These step by step projects will build confidence and offer the opportunity to create beautiful art beginning-to-end to take home or share with loved ones. Create colorful landscapes, delicate floral compositions, acrylic and watercolor paintings to hang on your walls, and home décor to brighten any room!

Course: YTH142  4 Sessions
$138 + $50 fee = $188; Non-Md. residents add $25

Rockville Campus
Grades 9–12
CRN#: 15657  M,T,W,R  6/29–7/2  1–4 p.m.

Course: YTH141  5 Sessions
$170 + $65 fee = $235; Non-Md. residents add $25

Rockville Campus
Grades 9–12
CRN#: 15656  M,T,W,R,F  7/27–7/31  9 a.m.–12 p.m.

Space Art Adventure STEAM Camp  NEW
Join us and blast off on an outer space adventure! Learn about the solar system, meteoroids, meteors and meteorites, constellations and much more. Find out why astronauts wear spacesuits and why telescopes are important tools. Create art that focuses on science, technology, engineering and math concepts.

Course: YTH143  5 Sessions
$170 + $50 fee = $220; Non-Md. residents add $25

Rockville Campus
Grades 3–5
CRN#: 15658  M,T,W,R,F  8/10–8/14  9 a.m.–12 p.m.

Grades 6–8
CRN#: 15659  M,T,W,R,F  7/13–7/17  9 a.m.–12 p.m.
CRN#: 15660  M,T,W,R,F  8/10–8/14  1–4 p.m.

Germantown Campus
Grades 6–8
CRN#: 15661  M,T,W,R,F  7/13–7/17  9 a.m.–12 p.m.

STEAM Innovators!  NEW
Innovation! Invention! Art! Brilliant minds were exploring Science, Technology, Engineering, Art and Math long before the term STEAM was coined! Navajo Indians wove geometric patterns using simple machines, Leonardo da Vinci dreamed of all sorts of inventions, curious minds explored technology, and mathematicians observed fascinating details in the world around them. Learn about these amazing innovators and create your own inventive artwork inspired by them!

Course: YTH145  5 Sessions
$170 + $50 fee = $220; Non-Md. residents add $25

Rockville Campus
Grades 3–5
CRN#: 15669  M,T,W,R,F  7/6–7/10  1–4 p.m.

Grades 6–8
CRN#: 15670  M,T,W,R,F  7/20–7/24  1–4 p.m.

Germantown Campus
Grades 6–8
CRN#: 15671  M,T,W,R,F  7/6–7/10  9 a.m.–12 p.m.
CRN#: 15672  M,T,W,R,F  7/20–7/24  1–4 p.m.
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 digital arts and S.T.E.M. (Science, Technology, Engineering, and Mathematics) programs are powered by the camper’s innate imagination and designed to bring their ideas to life in a fun, simple, learning environment. From concept to creation and from pre-production to premiere, each class challenges you to reach your full potential. All Black Rocket programs mirror real-life experiences and the collaborative nature of the creative process. To ensure your experience is of the highest level, you will work in pairs or teams for most of the design process. Returning students can create more advanced projects that build on previous years.

Camps are designed under the creative direction of Richard Ginn, Teacher of the Year at U.S. News and World Report’s #7 ranked High School in the United States, and Bill Zengel who has two decades of award-winning work as a writer and producer in advertising and television.

3D Game Design with Unity

Are you ready to take your game design skills to another level? With Unity, an industry-grade design software, aspiring game designers will learn level editing, 3D modeling, impactful gameplay creation, as well as how to utilize scripts and variables. Your created games will be available on a password protected Black Rocket website to share with friends and family. You will work in pairs or teams for most of the program. Returning students can create more advanced projects that build on previous years.

Course: YOU993  5 Sessions
$155 + $60 fee = $215; Non-Md. residents add $25
Rockville Campus
Grades 3–5  
CRN#: 15501  M,T,W,R,F  8/10–8/14  9 a.m.–12 p.m.
Grades 6–8  
CRN#: 15502  M,T,W,R,F  8/10–8/14  1–4 p.m.

Advanced Robotics

In this class, create a basic AI to program a robot using visual and text-based code. Utilize a variety of sensors that help your robot navigate and overcome daily class challenges. With your teammates, you will apply different coding concepts while using the scientific method to formulate, observe, experiment, test, and modify your robot. You will work in teams for most of the program. No prior experience is required.

Course: YOU937  5 Sessions
$155 + $60 fee = $215; Non-Md. residents add $25
Rockville Campus
Grades 3–5  
CRN#: 15476  M,T,W,R,F  7/6–7/10  1–4 p.m.
Grades 6–8  
CRN#: 15477  M,T,W,R,F  7/6–7/10  9 a.m.–12 p.m.

Adventures in Augmented Reality!

Watch as holograms come to life in the first-ever augmented reality for kids! You will work in cutting-edge software to create holographic scenes that are viewable with a smartphone and a magic futuristic cube. Get hands-on with your own digital creations in this one of a kind experience! Your created projects will be available on a password protected Black Rocket website to share with friends and family. You will work in pairs or teams for most of the program. The cost for the magic cube and license is included.

Course: YOU991  5 Sessions
$160 + $80 fee = $215; Non-Md. residents add $25
Rockville Campus
Grades 3–5  
CRN#: 15496  M,T,W,R,F  7/20–7/24  9 a.m.–12 p.m.
Grades 6–8  
CRN#: 15497  M,T,W,R,F  7/20–7/24  1–4 p.m.
App Attack!
Take the first steps into the world of mobile app design and customize your own game app! Using a specialized app & game development tool, you will explore the world of web-based (HTML5) mobile apps. In addition to learning the basics of mobile app design and game development, you will also see firsthand how the world of App publishing functions. Your created app will be accessible on a private site and can be played on any mobile device or computer. Publishing to App Stores not included. You do not need to own a smartphone or tablet to take this class. You will work in pairs or teams for most of the program. Returning students can create more advanced projects that build on previous years.

Course: YOU987  5 Sessions
$155 + $60 fee = $215; Non-Md. residents add $25

Rockville Campus
Grades 3–5
CRN#: 45975  M,T,W,R,F  6/22–6/26  9 a.m.–12 p.m.

Grades 6–8

App.IO: Make Your First Multiplayer App!
The hottest new Apps are IO apps! If you like to play Agar.io or Slither.io, you will love this class! Become the creator of the next viral web app! In this class, explore the most popular .IO apps, design your own multiplayer experience and learn how to code your own app. Your created app will be accessible on a private site and can be played on any mobile device or computer. Publishing to App Stores not included. You do not need to own a smartphone to take the class.

Course: YOU939  5 Sessions
$155 + $60 fee = $215; Non-Md. residents add $25

Germantown Campus
Grades 6–8
CRN#: 15490  M,T,W,R,F  7/20–7/24  9 a.m.–12 p.m.

Battle Royale: Make Your First Fortnite® Style Video Game Updated!
Fans of Fortnite we need you! Instead of playing the game, design your own. Using a professional 3D game development software, build levels and assets inspired by popular battle royale games like Fortnite. You can participate in eSports League matches against other schools across the country with a chance to have your levels featured in the Black Rocket master build of the game! This course includes cartoonish action and battle sequences. Your created games will be available on a password protected Black Rocket website to share with friends and family. You will work in pairs or teams for most of the program.

Course: YOU988  5 Sessions
$155 + $60 fee = $215; Non-Md. residents add $25

Rockville Campus
Grades 3–5

Grades 6–8
CRN#: 45978  M,T,W,R,F  6/22–6/26  9 a.m.–12 p.m.

Germantown Campus
Grades 6–8
CRN#: 15490  M,T,W,R,F  7/20–7/24  9 a.m.–12 p.m.

Drone Adventures
The Drones are here! Let the battles begin. In this hands-on, interactive class you will learn how to safely fly drone robots. Working in teams, you will be able to code your drone to compete in missions that will prepare you for the ultimate team challenge at the end of the week. You will work in pairs or teams for most of the program.

Course: YOU940  5 Sessions
$155 + $60 fee = $215; Non-Md. residents add $25

Rockville Campus
Grades 3–5
CRN#: 15479  M,T,W,R,F  7/27–7/31  9 a.m.–12 p.m.

Grades 6–8
CRN#: 15480  M,T,W,R,F  7/27–7/31  1–4 p.m.
eSports Apprentice—Streamers and Gamers

Updated!

Whether you want to be the next pro gamer, streamer, or gamecaster, this course will teach you the basics to get started! No longer just a hobby, eSports is the fastest-growing career for the next generation. Over 400 million people watched YouTube videos and Twitch streams of video game competitions this year alone! In this course, you will develop game-play skills and compete using Black Rocket’s eSports games and apps, learn how to produce commentary for live tournaments, use professional streaming software, and most importantly practice online safety. Your recordings will be available on a password protected website to share with friends and family. You will work in pairs or teams for most of the program. Videos will not be broadcast publicly but will be shared with all students in the class.

Course: YOU990  5 Sessions
$155 + $60 fee = $215; Non-Md. residents add $25

Rockville Campus
Grades 3–5
CRN#: 15494  M,T,W,R,F  7/13–7/17  1–4 p.m.

Grades 6–8
CRN#: 15495  M,T,W,R,F  7/13–7/17  9 a.m.–12 p.m.

JavaScript Developer Jam  NEW

Learn programming tools so powerful they seem like magic! Start off by learning an array of core programming concepts with JavaScript by experimenting in a series of digital challenges. Start with programming your first animated memes, then tackle more advanced skills such as interactive 3D experiences and game creation. Projects will be available on a password protected Black Rocket website to share with friends and family. You will work in pairs or teams for most of the program. License fee is included in cost.

Course: YTH133  5 Sessions
$160 + $70 fee = $235; Non-Md. residents add $25

Rockville Campus
Grades 3–5
CRN#: 15643  M,T,W,R,F  8/10–8/14  1–4 p.m.

Grades 6–8
CRN#: 15644  M,T,W,R,F  8/10–8/14  9 a.m.–12 p.m.

Germantown Campus
Grades 6–8
CRN#: 15745  M,T,W,R,F  7/27–7/31  9 a.m.–12 p.m.

Make Your First Video Game!

If you love playing video games, this is the camp for you! Make your first video game in this one-of-a-kind class that shows you the keys to designing your first 2D platformer game. Conceptualization, play experience, level design, graphics, sounds, and simple coding are just some of the concepts that we’ll explore. No prior experience necessary, just a desire to have fun. Student projects will be available on a password protected Black Rocket website to share with friends and family. Games are only compatible with PC computers. Mac versions can be created after the program for $15.00 conversion fee. You will work in pairs or teams for most of the program. Returning students can create more advanced projects that build on previous years.

Course: YOU836  4 Sessions
$124 + $50 fee = $172; Non-Md. residents add $25

Rockville Campus
Grades 3–5
CRN#: 15593  M,T,W,R  6/29–7/2  1–4 p.m.

Make Your First 3D Video Game!

In this Black Rocket classic, you will go well beyond the limitations of the traditional 2D game design classes and create an immersive 3D world. You will learn the physics behind 3D games, explore beginner event scripting, level design, controlling the flow of gameplay, and storytelling. Your projects will be available on a password protected Black Rocket website to share with friends and family. Projects are only compatible with Windows devices. You will work in pairs or teams for most of the program.

Course: YOU382  5 Sessions
$155 + $60 fee = $215; Non-Md. residents add $25

Rockville Campus
Grades 3–5
CRN#: 15570  M,T,W,R,F  7/27–7/31  1–4 p.m.

Grades 6–8
CRN#: 15571  M,T,W,R,F  7/27–7/31  9 a.m.–12 p.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. Your project will be available on a password protected Black Rocket website to share with friends and family. You must own a Java version of Minecraft to access your projects at home. Tablet, phone, and game console versions of Minecraft are not compatible. You will work in pairs or teams for most of the program. Returning students can create more advanced projects that build on previous years.

Course: YOU659  5 Sessions
$155 + $60 fee = $215; Non-Md. residents add $25

Rockville Campus
Grades 3–5
CRN#: 15578  M,T,W,R,F  7/6–7/10  9 a.m.–12 p.m.

Grades 6–8
CRN#: 15579  M,T,W,R,F  7/6–7/10  1–4 p.m.

Germantown Campus
Grades 6–8
CRN#: 15580  M,T,W,R,F  7/13–7/17  1–4 p.m.

Minecraft® Redstone Engineers
Take the next step beyond simply “playing” Minecraft and become a true Redstone engineer. Expand your Redstone knowledge by constructing your own carnival with a variety of mini-games, roller coasters, and attractions powered by Redstone. Learn how to use Command and Structure blocks to incorporate them into your builds. Activate your skills and take your Minecraft structures to the next level! You must own a Java version of Minecraft to access your project at home. Tablet, phone, and game console versions of Minecraft are not compatible. You will work in pairs or teams for most of the program. Returning students can create more advanced projects that build on previous years.

Course: YTH134  5 Sessions
$155 + $60 fee = $215; Non-Md. residents add $25

ROBLOX® Coders & Entrepreneurs!
Discover how to code in the Lua language while playing and designing worlds in ROBLOX®, an online universe where you can create anything you dream of. This class combines game design concepts, coding, and fun! Young entrepreneurs will also learn how to navigate ROBLOX’s fast-growing marketplace to publish their games. Your created game will be available on a password protected Black Rocket website to share with friends and family. You will work in pairs or teams for most of the program. License fee is included in cost of class.

Course: YOU992  5 Sessions
$160 + $70 fee = $215; Non-Md. residents add $25

Rockville Campus
Grades 3–5
CRN#: 15498  M,T,W,R,F  8/3–8/7  1–4 p.m.

Grades 6–8
CRN#: 15499  M,T,W,R,F  8/3–8/7  9 a.m.–12 p.m.

Germantown Campus
Grades 6–8
CRN#: 15500  M,T,W,R,F  7/6–7/10  1–4 p.m.

Python Programmers Updated!
Want to learn the world’s fastest-growing programming language favored by Google, NASA, Youtube, and the CIA? Learn how to code with Python to create engaging apps and games. Each lesson takes you step-by-step on a programming path that will let you challenge friends with fun content you create from start to finish! You will work in pairs or teams for most of the program. Returning students can create more advanced projects that build on previous years. License fee is included in cost of class.

Course: YOU992  5 Sessions
$160 + $70 fee = $215; Non-Md. residents add $25
Rocket Kart Racers: Design A Mario Kart® Style Game

NEW

On your marks, get set, create! Blast off in making your first 3D Mario Kart® and Crash Team Racing® style game! Design your own tracks and customize your karts and characters. Using a professional 3D game development software, you will combine your creation into your own kart racing game that you can play with friends and family at home. You can participate in eSports League races against other schools across the country with a chance to have your tracks featured in the Black Rocket master build of the game! Your project will be available on a password protected Black Rocket website to share with friends and family. You will work in pairs or teams for most of the program.

Course: YTH137  4 Sessions
$124 + $50 fee = $172; Non-Md. residents add $25

Rockville Campus
Grades 3–5
CRN#: 15650  M,T,W,R  6/29–7/2  9 a.m.–12 p.m.

Grades 6–8
CRN#: 15649  M,T,W,R  6/29–7/2  1–4 p.m.

Course: YTH139  5 Sessions
$155 + $60 fee = $215; Non-Md. residents add $25

Germantown Campus
Grades 6–8
CRN#: 15653  M,T,W,R,F  7/27–7/31  1–4 p.m.

Video Game Animation

Take your game design skills to the next level by creating and animating your own character sprites, objects, and backgrounds. Start with a name, develop the character’s personality, signature moves, special powers, and a storyline. Finish with a fully animated character to be used in your very own game. You do not need any prior experience in game design, animation, or sketching. Your created game will be available on a password protected Black Rocket website to share with friends and family. Games are only compatible with PC computers; Mac versions can be created after the program for $15.00 conversion fee. You will work in pairs or teams for most of the program. Returning students can create more advanced projects that build on previous years.

Course: YTH108  4 Sessions
$124 + $50 fee = $174; Non-Md. residents add $25

Rockville Campus
Grades 6–8
CRN#: 15614  M,T,W,R  6/29–7/2  9 a.m.–12 p.m.

Virtual Reality: The Future is Now

Embark on an EPIC adventure in virtual reality! In this cutting-edge class, you will learn the foundations of VR design by creating your own virtual worlds, exploring simulated environments, and crafting memorable 3D experiences. At the end of the week, take home your first cardboard VR headset to show friends and family the new worlds you created. VR projects can be viewed on a website or a mobile device. You do not need a mobile device to take the class, but to use the VR headset a camper will need access to an Android or Apple mobile device. You will work in pairs or teams and VR projects will be available on a password protected Black Rocket website to share with friends and family. *The fee for the VR headset is included in cost of class.

Course: YOU835  5 Sessions
$160 + $80 fee = $215; Non-Md. residents add $25

Rockville Campus
Grades 3–5
CRN#: 15591  M,T,W,R,F  8/3–8/7  9 a.m.–12 p.m.

Grades 6–8
CRN#: 15990  M,T,W,R,F  8/3–8/7  1–4 p.m.

Germantown Campus
Grades 6–8
CRN#: 15592  M,T,W,R,F  7/6–7/10  9 a.m.–12 p.m.
Circus Camp


Be Amazed, Be Amused, and Be Excited to see what life is like under the Big Top!

Take a turn on a tight wire! Walk on stilts! Learn to juggle! Explore the world of a circus performer—the traditions and the feel of being under the Big Top. Take part in a non-competitive and challenging art form that combines physical activity with cultural arts. Activities include acrobatics, juggling, improvisation, stilt walking, tight wire, and other circus experiences. Improvements in hand/eye coordination, balance, and self-confidence are just some of the benefits of this camp.

Created by Michael Rosman, a graduate of Ringling Brothers & Barnum and Bailey Circus Clown College and veteran of many circus performances in both traditional American and Cirque style shows. Michael and his coaches have more than 20 years of experience teaching circus skills. Sneakers and comfortable clothing required.

Instructor: Michael Rosman’s Circus Camp Stars

Course: YOU386  5 Sessions
$225+ $65 fee = $290; Non-Md. residents add $25

Rockville Campus

Grades 3–5
CRN#: 15572  M,T,W,R,F  8/10–8/14  9 a.m.–3 p.m.

Grades 6–8
CRN#: 15573  M,T,W,R,F  8/10–8/14  9 a.m.–3 p.m.

Modern Etiquette and Manners

Would you like to have fun while learning the skills to boost your confidence, increase your self-esteem and develop leadership skills? If so, this is the camp for you! You will learn social skills, communication skills, and table manners that will help you succeed in the classroom, at home, with peers—in short, in life. Topics include shaking hands, eye contact, introductions, respect for self and others, making conversation, cell phone manners, social media, texting, common courtesies, thank-you notes, sportsmanship, image, dealing with differences, dining skills, table settings, styles of dining, and more! You will receive a handbook and certificate of completion. NOTE: Interviewing tips and public speaking techniques are also included in the program for high school students.

Instructor: Etiquette School of Maryland

Course: YOU913  5 Sessions
$220 + $60 fee = $280; Non-Md. residents add $25

Rockville Campus

Grades 1–2
CRN#: 15516  M,T,W,R,F  7/6–7/10  9 a.m.–12 p.m.
CRN#: 15470  M,T,W,R,F  7/20–7/24  9 a.m.–12 p.m.
CRN#: 15473  M,T,W,R,F  8/3–8/7  9 a.m.–12 p.m.

Grades 3–5
CRN#: 15469  M,T,W,R,F  7/6–7/10  1–4 p.m.
CRN#: 15471  M,T,W,R,F  7/20–7/24  1–4 p.m.
CRN#: 15474  M,T,W,R,F  8/3–8/7  1–4 p.m.

Grades 6–8
CRN#: 15463  M,T,W,R,F  7/13–7/17  9 a.m.–12 p.m.
CRN#: 15465  M,T,W,R,F  7/27–7/31  9 a.m.–12 p.m.
CRN#: 15472  M,T,W,R,F  8/10–8/14  9 a.m.–12 p.m.

Grades 9–12
CRN#: 15464  M,T,W,R,F  7/13–7/17  1–4 p.m.
CRN#: 15466  M,T,W,R,F  7/27–7/31  1–4 p.m.
CRN#: 15467  M,T,W,R,F  8/10–8/14  1–4 p.m.
**Futuremakers** programs consist of experiential learning activities where YOU take on the roles, personalities, expectations, and experiences of engineers, designers, and fabricators. Discover the challenges of invention! Turn problems and mistakes into creative challenges, and learn the skills to work through them with practice, collaboration, and serious play. **Returning students create advanced personal projects!**

**Build a DIY Kick Scooter**  
Create a kick scooter that really works, and belongs to you! Use woodworking tools to safely cut, drill and connect wheels, bearings, a deck, and steering column—which you design and build from scratch! Add custom colors and graphics, and take your unique ride for a spin with the group before heading home with it!

**Course: YTH102**  
4 Sessions  
$135 + $65 fee = $200; Non-Md. residents add $25

**Rockville Campus**
Grades 3–5
CRN#: 15606  M,T,W,R  6/29–7/2  9 a.m.–12 p.m.

**Course: YTH101**  
5 Sessions  
$185+ 65 fee = $250; Non-Md. residents add $25

**Build & Race: Ride–on Vehicles**  
Your small team has twelve hours to design, build, test and prepare to race a real, student-sized rolling vehicle that you can ride and drive using expert-level components and real tools. Design and assemble a rolling chassis with wheels, axles and bearings, steering system, brakes, seat and propulsion system. Build a racecourse obstacle that other teams have to interact with. Take turns riding your team’s vehicle to the timed finish line, and everybody competes!

**Course: YTH097**  
5 Sessions  
$165 + 65 fee = $230; Non-Md. residents add $25

**Rockville Campus**
Grades 3–5
CRN#: 15599  M,T,W,R,F  7/13–7/17  9 a.m.–12 p.m.

**Furniture Building Studio**  
Engineer and build a well-crafted table or seat from plans you design. Safely and accurately measure, cut, join and finish softwoods using hand tools. No prior experience required. Returning students build advanced independent projects!

**Course: YTH099**  
5 Sessions  
$185 + 65 fee = $250; Non-Md. residents add $25

**Rockville Campus**
Grades 3–5
CRN#: 15603  M,T,W,R,F  7/6–7/10  9 a.m.–12 p.m.

CRN#: 15604  M,T,W,R,F  8/3–8/10  9 a.m.–12 p.m.
Skateboards from Scratch
Engineer and build a skateboard from scratch! Create a custom shaped penny board / mini cruiser deck, design and apply custom graphics, cut and apply grip tape, and assemble trucks with bearings, wheels, and hardware. All participants take home a personal skateboard that’s ready to ride! Safely and accurately measure, cut, drill, and finish your board using hand tools. No prior experience required. Fee includes skateboard materials.
Course: YTH104  4 Sessions
$135 + 65 fee = $200; Non-Md. residents add $25
Rockville Campus
Grades 3–5
CRN#: 15608  M,T,W,R  6/29–7/2  1–4 p.m.
Course: YTH103  5 Sessions
$185 + $65 fee = $250; Non-Md. residents add $25
Rockville Campus
Grades 3–5
CRN#: 15607  M,T,W,R,F  7/27–7/31  9 a.m.–12 p.m.

Woodshop: Basics to Boxes
Master the basics of designing and building in three take-home projects—a woodworking fundamentals project, a box, and an original hand-built project of your own design. Follow fundamental plans, measure, mark, cut, drill, shape and finish a variety of materials with hand tools. Returning students create advanced personal projects!
Course: YTH136  5 Sessions
$185 + $65 fee = $250; Non-Md. residents add $25
Rockville Campus
Grades 3–5
CRN#: 15648  M,T,W,R,F  7/20–7/24  9 a.m.–12 p.m.

Woodshop: Containers, Cabinets & Secret Compartments
Master the basics of woodworking by creating a set of custom containers with lids, hinged doors, shelves or secret compartments! Follow plans, measure, mark, cut, drill, shape, and finish a variety of materials with hand tools. Returning students create advanced personal projects!
Course: YTH136  5 Sessions
$185 + 65 fee = $250; Non-Md. residents add $25
Rockville Campus
Grades 3–5
CRN#: 15648  M,T,W,R,F  7/20–7/24  9 a.m.–12 p.m.

Woodshop: Tools to Toys Construction Lab
Tools and toys go hand in hand! Young makers design, prototype, build and playtest a custom wooden car, a game of skill and chance and a launch-ready catapult from wood and kid-ready materials, using real hand tools. All projects go home—and be ready, they’re awesome! Join us for our Friday toy construction show!
Course: YTH096  5 Sessions
$165 + 65 fee = $230; Non-Md. residents add $25
Rockville Campus
Grades 1–2
CRN#: 46028  M,T,W,R,F  6/22–6/26  9 a.m.–12 p.m.
CRN#: 15598  M,T,W,R,F  7/20–7/24  1–4 p.m.
Future Resource Learning courses provide grade appropriate activities that enable students to explore their personalities, necessary skill sets, and educational directions in pursuing a specific career or trade. Through a project-based curriculum, students are fully engaged in the active learning process. The goal is to establish a classroom environment that breeds teamwork, communication, and critical thinking.

We help students see the relevance of what they are learning and its connection to future opportunities and achievement of life goals. This will serve students in realizing not only their post-high school goals but also in other areas of their lives.

**Digital Abstract Art**
In this digital painting class, you will learn how to create abstract artworks utilizing geometric forms. The emphasis will be on fundamental concepts such as form, composition, figure-ground relationships, and space.

*Course: YTH156  5 Sessions*
$170 + $50 fee = $220; Non-Md. residents add $25

*Rockville Campus*
*Grades 6–8*
*CRN#: 15693  M,T,W,R,F  7/27–7/31  9 a.m.–12 p.m.*

**Digital Draw**
Digital Draw brings fine art and technology together by providing the tools and inspiration to make art on a virtual canvas. You will create digital drawings, paintings, and 3D sculptures using the latest software and tools.

*Course: YTH157  5 Sessions*
$170 + $50 fee = $220; Non-Md. residents add $25

*Rockville Campus*
*Grades 6–8*
*CRN#: 15694  M,T,W,R,F  7/6–7/10  9 a.m.–12 p.m.*
Visual Arts (Digital Arts)  NEW
You will be introduced to visual art practices, including drawing and painting, sculpture, printmaking, photography, conceptual and installation art, video art, earthworks, and performance art, as well as craft and graphic design.
Course: YTH183  5 Sessions
$170 + $50 fee = $220; Non-Md. residents add $25
Rockville Campus
Grades 6–8
CRN#: 45998  M,T,W,R,F  6/22–6/26  9 a.m.–12 p.m.
Course: YTH185  4 Sessions
$135 + $50 fee = $185; Non-Md. residents add $25
Rockville Campus
Grades 6–8
CRN#: 15724  M,T,W,R  6/29–7/2  9 a.m.–12 p.m.

NEW Welcome to Kid Fit 101! We are a community-based organization that prides itself on enriching the lives of youth. Our mission is to provide quality youth programming.
Kid Fit 101 programs provide children with safe and structured activities focusing on exercise, nutrition, and general wellness. Course include classroom instruction and physical fitness.

Anatomy and Exercise  NEW
You will learn about basic human anatomy and physiology through a wide range of activities. You may plan and carry out scientific investigations to ask questions about the impact of exercise on your body.
Course: YTH186  5 Sessions
$170 + $50 fee = $220; Non-Md. residents add $25
Rockville Campus
Grades 1–2
CRN#: 15725  M,T,W,R,F  7/6–7/10  9 a.m.–12 p.m.
Grades 3–5
CRN#: 15726  M,T,W,R,F  8/3–8/7  9 a.m.–12 p.m.

Fun Fit  NEW
Come explore the idea of health and wellness while moving! High-energy classes are guaranteed to create a great cardio workout. Lessons will include many group games such as freeze tag, obstacle courses, and more!
Course: YTH189  5 Sessions
$170 + $50 fee = $220; Non-Md. residents add $25
Rockville Campus
Grades 1–2
CRN#: 45999  M,T,W,R,F  6/22–6/26  9 a.m.–12 p.m.

Speed Stacks  NEW
You will have fun learning the sport of speed cup stacking! The sport is based around stacking specialized cups in various patterns. Cup Stacking also promotes physical fitness, as well as helps academic learning through concentration.
Course: YTH190  5 Sessions
$170 + $50 fee = $220; Non-Md. residents add $25
Rockville Campus
Grades 1–2
CRN#: 15731  M,T,W,R,F  7/27–7/31  9 a.m.–12 p.m.
Grades 3–5
CRN#: 15730  M,T,W,R,F  7/13–7/17  9 a.m.–12 p.m.

STEM Sports  NEW
STEM Sports covers modules from a variety of sports that teach you collaboration and strategic problem-solving skills through investigation driven by the sports they love. Come learn the science behind the movement!
Course: YTH187  4 Sessions
$135 + $50 fee = $185; Non-Md. residents add $25
Rockville Campus
Grades 1–2
CRN#: 15727  M,T,W,R  6/29–7/2  9 a.m.–12 p.m.

Team Extreme  NEW
Games, challenges, and activities will encourage kids to laugh and be silly together while minimizing the fear of “being laughed at.” Activities such as Balloon Wars and Flag Tag will allow children to improve important skills that promote teamwork, listening skills, idea exchange, and cooperation.
Course: YTH188  5 Sessions
$170 + $50 fee = $220; Non-Md. residents add $25
Rockville Campus
Grades 1–2
CRN#: 15729  M,T,W,R,F  8/10–8/14  9 a.m.–12 p.m.
Grades 3–5
CRN#: 15728  M,T,W,R,F  7/20–7/24  9 a.m.–12 p.m.
Goldsmith Education LLC provides technology education to elementary through high school students in interesting, fun and exciting ways. Students learn science, mathematics and engineering concepts in a thought provoking, safe and varied educational environment with exposure to a multitude of age appropriate learning tools, programming (coding) languages and specially designed physical kits. Our program starts by giving students base knowledge in technology starting with the very basic machines to compound builds growing toward opened ended building and programming opportunities. Our idea of technology education is that students need to be grounded in physical construction in order to truly understand how to create a program to manipulate the world around them.

All About Technology
Fun, exciting and challenging activities await you as you are introduced to a variety of relevant technologies. You will build circuits as well as building and programming robotic devices using LEGO® WeDo and Probot robots. Use a Global Positioning System to play a high-tech game of hide and seek. Practice skills such as orienteering, treasure hunting, and waymarking—better known as Geocaching. Discover the FUNdamentals of technology.

Course: YOU786  5 Sessions
$170 + $50 fee = $220; Non-Md. residents add $25

Rockville Campus
Grades 1–2
CRN#: 45965  M,T,W,R,F  6/22–6/26  9 a.m.–12 p.m.
CRN#: 15585  M,T,W,R,F  7/13–7/17  9 a.m.–12 p.m.

Circuit Fundamentals
Electronics are an integral part of our daily life but do you know what is inside of them? In this beginning class on electricity and electric circuits we will explore just that. In this solder free class we will explore a multitude of different circuits using lights, sounds, sensors, radio waves and Boolean logic. You will learn to use voltmeters and read and write electrical diagrams. You will draw professional circuit diagrams in a self-created take home electronics notebook detailing the designs built in class as well as build a working AM/FM radio (the basis of telephones and Wi-Fi) you can take home with you.

Course: YTH091  5 Sessions
$170 + $65 fee = $235; Non-Md. residents add $25

Rockville Campus
Grades 6–8
CRN#: 15530  M,T,W,R,F  7/6–7/10  1–4 p.m.
CRN#: 15531  M,T,W,R,F  8/10–8/14  1–4 p.m.

Coding and Robotics with LEGO® Mindstorm
Do you know what a robot is capable of doing? Get ready to take control! You will build robots, program them to accomplish tasks, respond to external stimuli, and overcome challenges. Using the Mindstorm brick from LEGO®, you will control the robot using Mindstorm programming language and software programming techniques. Using the base Mindstorm robot design, you will use motors and sensors to allow the robot to interact with the world around it. Experience the challenges of navigation, avoiding obstacles, and moving objects.

Course: YTH126  5 Sessions
$170 + $50 fee = $220; Non-Md. residents add $25

Rockville Campus
Grades 6–8
CRN#: 15637  M,T,W,R,F  7/6–7/10  9 a.m.–12 p.m.
CRN#: 15638  M,T,W,R,F  8/10–8/14  9 a.m.–12 p.m.
**Dissecting Computer Technology**

Sure, you know how to use your computer, but do you know how it works? What is an I/O port? What is a motherboard? How does the memory work with the hard drive? You'll take a working computer apart, examine the pieces, and put it back together! Will it still work? That's up to you! You will be taught the basics of how computer parts fit and work together and the names of components, wires and ports and their function. You will use this information to identify and disassemble full computers. You will learn the basics of setting up programs, assembly, how to purchase replacement parts and build your own computer.

Course: YOU791  
5 Sessions
$170 + $50 fee = $220; Non-Md. residents add $25

**Rockville Campus**

**Grades 3–5**

CRN#: 15586  
M,T,W,R,F  
7/27–7/31  
9 a.m.–12 p.m.

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**Elementary LEGO® Engineering**

This exciting hands-on engineering class uses LEGO® Education building materials. Working in teams, you’ll learn the basics of engineering and simple machines. Learn the concepts of pulleys, levers, gears and more. From this foundation, you’ll move on to compound machines and motorized vehicles and robotic creations. Put your new knowledge to work creating your own mechanized designs. Creatively solve challenges using concepts learned in class. Last, but not least, become an inventor using light and sound sensors, pulleys, wheels, levers, and gears, all at your command.

Course: YTH129  
4 Sessions
$136 + $50 fee = $186; Non-Md. residents add $25

**Rockville Campus**

**Grades 1–2**

CRN#: 15640  
M,T,W,R  
6/29–7/2  
9 a.m.–12 p.m.

Course: YTH132  
5 Sessions
$170 + $50 fee = $220; Non-Md. residents add $25

**Rockville Campus**

**Grades 1–2**

CRN#: 15642  
M,T,W,R,F  
8/3–8/7  
9 a.m.–12 p.m.

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**Intermediate LEGO® Engineering and Robotics**

Engineering technology is a great way to introduce a budding young scientific mind to the future of a high-technology world! In this class teams will work together and become technology experts. Instructors will reinforce concepts of force, measurement, construction, design and much more. You will be challenged to create unique machines using your knowledge of technology.

Course: YTH130  
4 Sessions
$136 + $50 fee = $186; Non-Md. residents add $25

**Rockville Campus**

**Grades 3–5**

CRN#: 15641  
M,T,W,R  
6/29–7/2  
1–4 p.m.

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**LEGO® Elementary Coding with WeDo 2.0**

Learn how to program motors and sensors to do work and build multiple robotic creations. Learn the basics of linear graphics-based coding using LEGO® Scratch software. You will develop skills in coding and reasoning bringing LEGO® builds to life with your programs. Working in teams, you will use the programming design presented as a base to coding as well as move beyond to create your own designs. You will code using the LEGO® WeDo 2.0 App.

Course: YTH128  
5 Sessions
$170 + $50 fee = $220; Non-Md. residents add $25

**Rockville Campus**

**Grades 1–2**

CRN#: 15639  
M,T,W,R,F  
7/20–7/24  
9 a.m.–12 p.m.
LEGO® Intermediate Coding with LEGO Boost Robotics
Coding using LEGO® Robotics Boost kit. You will learn linear coding in LEGO® Scratch based programming Boost App. You will learn coding in multiple applications: building humanoid robots, automated vehicles, creating art and music, and manufacturing avenues. You learn the basics of coding doing the Vernie robot build in groups by receiving challenges in coding movements and behaviors. You then choose from seven other designs to move forward in your programming challenges. You will code using the LEGO® Boost App.
Course: YTH125  5 Sessions
$170 + $50 fee = $220; Non-Md. residents add $25
Rockville Campus
Grades 3–5
CRN#: 15636  M,T,W,R,F  7/20–7/24  1–4 p.m.

Rockets and Robotics
What a great combination! Working in small teams, learn how to build and explore machines and mechanisms, discover motor design differences, and study gearing mechanisms. You will build machines with the LEGO® WeDo engineering kits and program them to use sensors to interact with the world. You will also program Probot robots using the programming language LOGO. Then, using some of the concepts learned, design your own rockets that you can test and take home, but not before we have our own launch party (weather permitting)!
Course: YOU874  5 Sessions
$170 + $50 fee = $220; Non-Md. residents add $25
Rockville Campus
Grades 3–5
CRN#: 15594  M,T,W,R,F  7/13–7/17  1–4 p.m.

VEX IQ Robotics SensorBots and Programming
Using the versatile VEX IQ ROBOTICS kit you will build a multitude of models to explore robotics design. You will design robots to overcome different challenges including those that have been used in previous VEX IQ ROBOTICS national competitions. You will use both remote controlled and individually programmed autonomous robots in this team-based engineering camp. Gain experience design testing and improving from a basic prototype as well as programming sensors and decision-making logic.
Course: YTH116  5 Sessions
$170 + $50 fee = $220; Non-Md. residents add $25
Rockville Campus
Grades 6–8
CRN#: 15742  M,T,W,R,F  7/27–7/31  1–4 p.m.

VEX Simple Machines and Robotics
Using the versatile VEX IQ ROBOTICS kit, you will build a multitude of models to explore robotics design. First by exploring and manipulating simple machines, the building blocks of all robotics, then graduating to remote controlled robots, you will design robots to overcome different challenges including those that have been used in previous VEX IQ ROBOTICS national competitions. This team-based engineering camp provides you with the tools to problem solve using the "Think, Do, Test" design process.
Course: YTH013  5 Sessions
$170 + $50 fee = $220; Non-Md. residents add $25
Rockville Campus
Grades 6–8
CRN#: 15504  M,T,W,R,F  8/3–8/7  1–4 p.m.
Welcome to the Marriott Hospitality Center Kid’s Kitchen Camps! All of our camps are taught in the Montgomery College’s Hospitality Management Program’s kitchen and are taught by professional instructors and Montgomery College Culinary Interns. We are so excited to share our passion for cooking and restaurant management with you this summer!

All students will receive an apron and recipes for all of the items made during their camps. We will also provide containers for the students to take home any extra food that they wish to take home from camps.

**Around the World**
Come on a culinary journey throughout the world. Each day we will explore a different part of the world learning about the culture, history, and food! You will learn a new cooking technique or method and apply it to the cuisine of the day. Monday: Italian, Tuesday: French, Wednesday: Latin, Thursday: Asian, and Friday: Fusion. You will not only learn how to make recipes from these parts of the world, but will also research the history, cultures, languages, and customs. On the last day, you will be encouraged to develop recipes of your own, in order to showcase how influences from different cultures can be used to create a whole new type of cuisine called Fusion. If you love trying new foods, working with exotic ingredients, and learning about other cultures, this is the camp for you!

Course: YTH053  5 Sessions
$295 + $70 fee = $365; Non-Md. residents add $25
**Rockville Campus**
Grades 6–8
CRN#: 15512  M,T,W,R,F  7/6–7/10  9 a.m.–3 p.m.

**Cupcakes, Cakes, and More**  NEW
Baking is just the beginning in this exciting camp! For those looking to add some originality and fun to their next batch of cupcakes or birthday cakes, this is the camp for you! Throughout the week, you will learn how to bake several types of cakes, make a variety of frosting from scratch, and how to put it all together like professional Pastry Chefs. You will learn how to elegantly pipe and creatively decorate both cakes and cupcakes. The only thing that you need to bring to this camp is creativity!

Course: YTH170  5 Sessions
$295 + $70 fee = $365; Non-Md. residents add $25
**Rockville Campus**
Grades 6–8
CRN#: 15710  M,T,W,R,F   7/20–7/24  9 a.m.–3 p.m.
Desserts, Desserts!
From ice-cream to pies, come learn to make the best part of any meal! Learning how to make cookies from scratch is just the beginning in this exciting camp. You will learn how to use only natural ingredients to make the most delicious desserts. Monday: Cookies, Tuesday: Ice-cream, mousse, and whipped cream, Wednesday: Breads and rolls, Thursday: Pies, Friday: Cakes. You will also learn how to make desserts that are dairy-free and gluten-free! Each day you will work in teams, create a name for your team, and a unique name for the dessert that you will be making. If you are a budding baker who would love to open up your very own bakery one day, this is a great place to start!

Course: YTH059 5 Sessions
$180 + $65 fee = $245; Non-Md. residents add $25

Rockville Campus
Grades 3–5
CRN#: 15519   M,T,W,R,F  7/13–7/17  9 a.m.–12 p.m.

Grades 6–8
CRN#: 15520   M,T,W,R,F  7/13–7/17  1–4 p.m.

Junior Chef Workshop
Want to be the next Master Chef and open up your very own restaurant? Come learn the basics! In this five-day session, you will learn all of the essential kitchen skills needed to master the fundamentals of cooking. We will cover all of the basics of cooking such as how to handle knives, how to read and follow recipes, measuring and mixing, and the importance of kitchen safety. Each day you will learn how to make a variety of recipes from the following categories: appetizers, salads, entrees, and desserts. You will also learn how to choose recipes in order to create and design menus of your own. On the final day, you will prepare a menu of your favorite recipes from each category, as if you were opening a restaurant of your own!

Course: YTH174 4 Sessions
$240 + $55 fee = $295; Non-Md. residents add $25 fee

Rockville Campus
Grades 6–8
CRN#: 15713   M,T,W,R  6/29–7/2  9 a.m.–3 p.m.
MC Engineers
With Monica Mellini, MC Faculty

Join the MC Engineers on the Germantown campus. Under the guidance of Professor Monica Mellini, the MC Engineers will guide students in hands-on engineering opportunities. MC Engineers, a collaboration between Montgomery College engineering faculty and students, has designed a series of youth courses intended to provide authentic engineering experiences for all participants, students and instructors alike. Each course combines instructional segments with youth-led design objectives similar to the engineering design activities of Montgomery College students in their own engineering courses.

Advanced Robotics—Build it! NEW
Advanced robotics class designed for experienced robot enthusiasts. In this course, we will design, build and code an autonomous robot from salvaged and new components. The robots will use an Arduino platform to control the operation of motors and sensors. You should have experience programming Arduinos and be able to use small hand tools such as wire cutters, pliers, screwdrivers, and soldering irons. At the end of the course, you will keep your robot project. Prerequisite: Equivalent experience to an introduction or intermediate Arduino course.

Course: YTH042 5 Sessions
$300 + $100 fee = $400; Non-Md residents add $25
Germantown Campus
Grades 9–12
CRN#: 15747  M,T,W,R,F  8/10–8/14  9 a.m.–4 p.m.

CarBots: Autonomous Robotic Cars
Introductory robotics class designed for beginner level robot enthusiasts. In this course, we will learn how to build and code an autonomous robot car from a kit. This introductory robotics class uses a hardware platform with motors, sensors, and an Arduino board to operate and control a multi-mode robot. You should be able to use small hand tools such as wire cutters, pliers, and screwdrivers. No prior programming experience is required. At the end of the course, you will keep your project.

Course: YTH043 5 Sessions
$300 + $100 fee = $400; Non-Md residents add $25
Germantown Campus
Grades 6–8
CRN#: 15511  M,T,W,R,F  7/20–7/24  9 a.m.–3 p.m.

Circuit Fun for Young Engineers
Everything we use technology-wise has circuits. Join other potential engineers in learning how to build circuits: sirens, fans, motors, lights, and more. Learn the physics behind electric and magnetic circuits and explore their engineering applications using building-block style components. Learn how basic things in your life work and how to build circuits while having fun. Explore dozens of projects in the course guide, or team up to build a larger project. You will complete a small project to take home.

Course: YTH177 5 Sessions
$330 + $100 fee = $430; Non-Md residents add $25
Germantown Campus
Grades 9–12
CRN#: 15510  M,T,W,R,F  7/6–7/10  9 a.m.–3 p.m.

Attention High School Students!
Want to get a jump start on a class for next semester?
Want to master Microsoft Word, Excel, or Access?
OR want to learn to create your own website, learn more about digital photography, or power up for the SATs?
Try taking an Ed2Go noncredit online class!. There are hundreds of classes to choose from and you can take them at any time, any place!

For more information, visit www.montgomerycollege.edu/wdce/noncredit-online-courses
or call Janet Lane at 240-567-6938.
Electronic City
Let technology bring your creation to life in this project-based course. The technical side of circuit building and programming meets your creative side when you design and build your own city. Locate your electronic city in the setting of your choice: megalopolis, suburbia, vacation village—even Mars! Design the layout and build elements for your city from craft and recycled materials. And don’t forget transportation, lighting and sound! Program an electronic circuit to equip your city according to your creative vision, e.g., by adding a traffic light system or a light show. Learn to use Arduino controllers with breadboards, LED lights, fans, resistors, and push buttons to bring your city to life. This is a great intermediate course for learners who know a little about Arduinos or programming and want to create a larger demonstration project to take home.

Course: YTH180  4 Sessions
$308+ $80 fee = $388; Non-Md residents add $25
Germantown Campus
Grades 6–8
CRN#: 15720  M,T,W,R  6/29–7/2  9 a.m.–4 p.m.

Introduction to Arduino: Getting Started
This course is intended to teach beginners the basics of building simple electronic circuits programmed with Arduino, a physical computer platform based on a microcontroller board with its own program development environment. Arduino uses the Arduino C programming language, which is based on C. Learn how to create a simple breadboard circuit, and then add sensor inputs and output actions that you will program. By the end of the course, you will build your own simple project. Examples of past projects are mood lights, electronic dice, and motion alarms. After the course, you can continue your exploration with the learning kit and software, which you will take home. This course is recommended as a prerequisite for the intermediate and advanced Arduino and robotics courses.

Course: YTH038  5 Sessions
$300 + $100 fee = $400; Non-Md residents add $25
Germantown Campus
Grades 6–8
CRN#: 45979  M,T,W,R,F  6/22–6/26  9 a.m.–3 p.m.

Music Bots  NEW
Calling all musicians! This intermediate level programming class uses Arduinos as a platform for musical creation. You will design, construct, and program a project with a tiny speaker that plays the music that you code. You can transcribe sheet music, mine the Internet for coded music, or compose your own. You can construct your creation out of recycled materials, make or alter a stuffed animal, and use scraps of wood to mount your Arduino speaker and electronic components. Add sensors, lights, and switches to customize your musical project’s functionality. The finished project will be powered by a small rechargeable battery or a button battery. Use your Arduino skills from the Introduction to Arduino course. You should have good keyboarding skills and be able to use small hand tools such as wire cutters, pliers, and glue gun. At the end of the course, you will keep your project.

Course: YTH182  5 Sessions
$330 + $100 fee = $430; Non-Md residents add $25
Germantown Campus
Grades 6–8
CRN#: 15722  M,T,W,R,F  7/27–7/31  9 a.m.–4 p.m.

Soft Circuits: Making Programmable Wearables or Stuffed Toys
High-tech meets fashion! This introductory programming class uses “wearables” as a platform for learning the operation of basic electric circuits. You will design, construct, and program a stuffed toy or fashion item with sensory inputs and active outputs. For example, a bracelet that lights in rhythm to music, or a stuffed toy that “purrs” when it is petted. You will sew electronic components into your designs using special conductive thread, then program an Arduino microcontroller to bring your creation to life. Use your Arduino skills from the Introduction to Arduino course, or you can choose a project from a wearables “cookbook” with code provided. You should have good keyboarding skills and be able to use small hand tools such as wire cutters, pliers, and sewing needles. At the end of the course, you will keep your projects.

Course: YTH184  5 Sessions
$300 + $100 fee = $400; Non-Md residents add $25
Germantown Campus
Grades 6–8
CRN#: 15723  M,T,W,R,F  7/13–7/17  9 a.m.–3 p.m.
Middle School and High School Skills for Success with Don Milner

Don Milner returns with his very popular classes full of helpful hints and strategies to be a success in middle school and/or high school. Don Milner is a 18 year veteran Team Leader and Content Specialist. He has helped hundreds of students learn how to succeed in the SOS/Agressive Learning Courses. Each class includes an optional parent’s session for free. His program has been awarded the Nancy Dworkin Award for Outstanding Service to Youth in Montgomery County.

www.milneredconsulting.com
milneredconsulting@gmail.com

College Applications 101: How do I apply to College? NEW

Getting ready for college is a big deal. Making an informed decision about where you plan to go is important and having a good life coach to help you narrow your choices can’t hurt. College Apps 101 is a course designed to guide you through the college application process.

Course: YTH153
5 Sessions
$205 + $65 fee = $270; Non-Md. residents add $25

Rockville Campus
Grades: Rising 10th, 11th, and 12th grade only

Study Skills 101

Learning good study habits now will lay the groundwork for successful work habits as an adult. Study Skills 101 is designed to provide background knowledge, resource materials, and suggestions that will relieve academic distress and help you optimize your success as a lifelong learner. This course is academic relief at your fingertips! Learn to use academic and practical tools to increase your likelihood for success, including organizational tools, time management techniques, test preparation and test-taking strategies, note-taking guidance, and personal responsibility tips.

Course: YTH144
5 Sessions
$205 + $65 fee = $270; Non-Md. residents add $25

Rockville Campus
Grades 6–8
CRN#: 15663  M,T,W,R,F  7/6–7/10  5–7 p.m.

Grades 9–12
CRN#: 15665  M,T,W,R,F  7/20–7/24  5–7 p.m.
CRN#: 15667  M,T,W,R,F  8/3–8/7  5–7 p.m.

Summer SLAM

Are you looking for new ways to be successful in school and have fun at the same time? Then Summer S.L.A.M (Students Learning to Achieve More) is for you! This course is designed to improve your study skills through interactive games and activities. You will learn how to be more academically successful. Summer SLAM focuses on executive functioning and how to prepare for quizzes and tests.

Course: YTH151
5 Sessions
$305 + $60 = $365; Non-Md. residents add $25.

Rockville Campus
Grades 6–8
CRN#: 45993  M,T,W,R,F  6/22–6/26  9 a.m.–4 p.m.

Grades 9–12
CRN#: 15688  M,T,W,R,F  8/10–8/14  9 a.m.–4 p.m.

Germantown Campus
Grades 9–12
CRN#: 15686  M,T,W,R,F  7/20–7/24  9 a.m.–4 p.m.

Takoma Park Campus
Grades 9–12
CRN#: 15687  M,T,W,R,F  7/27–7/31  9 a.m.–4 p.m.

DRIVER EDUCATION at Montgomery College

Montgomery College’s 36 hour Driver Education course is approved by the Maryland Motor Vehicle Administration and consists of the required 30 hours of classroom instruction and 6 hours Behind the Wheel. We also offer Learner Permit Prep courses for students with mild to moderate learning disabilities.

For more information, visit us online at https://www.montgomerycollege.edu/wdce/drivers-education or call 240-567-2589.
Faculty members from Yang Academy have worked with the Montgomery College Youth program since 2003, taught math and science classes to over 1,000 students who come from throughout the US and many countries around the world. Our half-day camps/classes offer many fun activities with much learning built in.

For more information about our camps, please contact Zenia Yang, zyang2@yangacademy.com.

Please note: Grades listed are as of fall 2020

Algebra 1
For students who will take algebra 1 in the upcoming school year. Topics covered include factoring, linear and quadratic equations, higher-order polynomials, inequalities, absolute values, and application problems.

Course: YOU879  5 Sessions
$205 + $50 fee = $255; Non-Md. residents add $25

Rockville Campus
Grades 6–8
CRN#: 15595  M,T,W,R,F  7/13–7/17  9 a.m.–12 p.m.
CRN#: 15438  M,T,W,R,F  7/20–7/24  1–4 p.m.
CRN#: 15596  M,T,W,R,F  7/27–7/31  9 a.m.–12 p.m.
CRN#: 15437  M,T,W,R,F  8/10–8/14  9 a.m.–12 p.m.

Algebra 2
For students who will take algebra 2, honors algebra 2, or AAF in the upcoming school year. Topics include the concept of a function, coordinates in a plane, straight lines, circles, parabolas, and application problems. Skills involving fractions and factoring are reinforced.

Course: YOU883  5 Sessions
$205 + $50 fee = $255; Non-Md. residents add $25

Rockville Campus
Grades 9–12
CRN#: 15444  M,T,W,R,F  7/13–7/17  1–4 p.m.
CRN#: 15446  M,T,W,R,F  8/3–8/7  1–4 p.m.
CRN#: 15447  M,T,W,R,F  8/10–8/14  1–4 p.m.

Biology
For students who will take biology or honors biology in the upcoming school year. 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: YOU897  5 Sessions
$205 + $50 fee = $255; Non-Md. residents add $25

Rockville Campus
Grades 9–12
CRN#: 15454  M,T,W,R,F  8/3–8/7  1–4 p.m.

Calculus
For students who will take AP calculus (AB or BC) or honors calculus (calculus with applications) in the upcoming school year. Topics covered include continuity, limits, definition of derivatives, rules of differentiation, and applications of differentiation.

Course: YOU888  5 Sessions
$205 + $50 fee = $255; Non-Md. residents add $25

Rockville Campus
Grades 9–12
CRN#: 15453  M,T,W,R,F  8/10–8/14  9 a.m.–12 p.m.

Chemistry
For students who will take chemistry or honors chemistry in the upcoming school year. Topics covered include unit analysis, atomic structure, periodic table of elements, chemical reactions and equations, molar relationships, and stoichiometry.

Course: YOU898  5 Sessions
$205 + $50 fee = $255; Non-Md. residents add $25

Rockville Campus
Grades 9–12
CRN#: 15455  M,T,W,R,F  8/3–8/7  9 a.m.–12 p.m.

Creative Writing Workshop
In a relaxed environment, you will tap into your creative ability, reinforce your knowledge of written English skills, and practice creative choices of vocabulary and structure through brainstorming, free-writing, and book discussions.

Course: YOU903  5 Sessions
$205 + $50 fee = $255; Non-Md. residents add $25

Rockville Campus
Grades 3–5
CRN#: 15457  M,T,W,R,F  7/20–7/24  1–4 p.m.
CRN#: 15458  M,T,W,R,F  8/3–8/7  1–4 p.m.

Grades 6–8
CRN#: 15459  M,T,W,R,F  7/13–7/14  1–4 p.m.
CRN#: 15460  M,T,W,R,F  7/27–7/31  1–4 p.m.
CRN#: 15461  M,T,W,R,F  8/10–8/14  1–4 p.m.
Geometry
For students who will take geometry, honors geometry, or magnet geometry in the upcoming school year. Topics covered include properties of two- and three-dimensional geometric shapes and development of mathematical arguments about geometric relationships.

Course: YOU880  5 Sessions
$205 + $50 fee = $255; Non-Md. residents add $25

Rockville Campus
Grades 6–8
CRN#: 15439  M,T,W,R,F  7/13–7/17  9 a.m.–12 p.m.
CRN#: 15440  M,T,W,R,F  7/20–7/24  1–4 p.m.
CRN#: 15441  M,T,W,R,F  7/27–7/31  9 a.m.–12 p.m.
CRN#: 15442  M,T,W,R,F  8/3–8/7  1–4 p.m.
CRN#: 15443  M,T,W,R,F  8/10–8/14  1–4 p.m.

Physics
For students who will take physics, honors physics, or AP physics 1 in the upcoming school year. 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: YOU899  5 Sessions
$205 + $50 fee = $255; Non-Md. residents add $25

Rockville Campus
Grades 9–12
CRN#: 15456  M,T,W,R,F  7/27–7/31  9 a.m.–12 p.m.

Pre-Algebra 1
For students who have not completed algebra and will be taking Algebra 1 in the fall. Topics covered include the real number system, operations of integers, fractions, and decimals, Prime factorization, least common multiple, greatest common factor, grouping symbols), translating phrases to mathematical expressions and sentences to mathematical equations, absolute value, and solving simple one-variable equations and applications problems.

Course: YOU963  5 Sessions
$205 + $50 fee = $255; Non-Md. residents add $25

Rockville Campus
Grades 3–5
CRN#: 45973  M,T,W,R,F  6/22–6/26  9 a.m.–12 p.m.
CRN#: 15481  M,T,W,R,F  7/20–7/24  9 a.m.–12 p.m.
CRN#: 15482  M,T,W,R,F  8/3–8/7  9 a.m.–12 p.m.
CRN#: 15483  M,T,W,R,F  8/10–8/14  9 a.m.–12 p.m.

Pre-Algebra 2
For students who have completed Pre-Algebra 1 and may be enrolled in IM in the fall. Topics covered include notation and simplest rules of procedure, integral exponents, roots and radicals, fractional exponents, and application problems.

Course: YOU984  5 Sessions
$205 + $50 fee = $255; Non-Md. residents add $25

Rockville Campus
Grades 6–8
CRN#: 45974  M,T,W,R,F  6/22–6/26  9 a.m.–12 p.m.
CRN#: 15487  M,T,W,R,F  7/20–7/24  9 a.m.–12 p.m.
CRN#: 15488  M,T,W,R,F  8/3–8/7  9 a.m.–12 p.m.
CRN#: 15489  M,T,W,R,F  8/10–8/14  9 a.m.–12 p.m.

Pre-Calculus
For students who will take pre-calculus, honors pre-calculus, IB Math Studies in the upcoming school year. Topics covered include review of background information from geometry and algebra for trigonometry, radian measure for angles, trigonometric functions, special trigonometric values for sine, cosine, and tangent, graphs of trigonometric functions, and their applications.

Course: YOU887  5 Sessions
$205 + $50 fee = $255; Non-Md. residents add $25

Rockville Campus
Grades 9–12
CRN#: 15452  M,T,W,R,F  8/10–8/14  1–4 p.m.
Youth Programs Registration Form
Side 1 of 2

(Please use black pen when completing this form.)

College ID Number: M 2

Birthdate  Month Day Year

Sex □ Female □ Male

(This is your Student ID Number. If you have taken courses at MC previously, you should have one. If not, the College will assign your MC Identification Number for you.)

Child’s Name Last First Middle Initial

Address House # and Street Name (Do NOT use P.O. Box or you will be charged Non-Md. resident fee.) Apt. #

City State Zip

Is this a new address? □ Yes □ No

Have you attended MC before? □ Yes □ No

Parent Home Phone Cell

Parent Work Phone

Emergency Contact Phone # Emergency Contact Name

School Currently Attending Grade 2020–2021

ETHNICITY: Choose one. (Disclosure not mandatory by Montgomery College, but is required by the U.S. Department of Education.)

□ Not Hispanic or Latino □ Hispanic or Latino

RACE: Choose all that apply, you may choose more than one. (Disclosure not mandatory by Montgomery College, but is required by the U.S. Department of Education.)

□ American Indian or Alaskan Native □ Asian □ Black or African American □ Native Hawaiian and other Pacific Islander □ White

□ U.S. Citizen □ Permanent Resident (Circle one: Green Card / Working Card) □ Other Immigration Status ______________ (Used for tuition-setting purposes only.)

CHECK ALL THAT APPLY:

□ I have been a Maryland resident [as defined in the Montgomery College Catalog] for at least three months.

□ I have NOT been a Maryland resident [as defined in the Montgomery College Catalog] for at least three months.

CRN # Course # Course Title Begin Date Tuition Fee Non-Md. Fee Course Total

CODE: SY

Optional Contribution to Scholarship Fund

Total Due

Please indicate payment by: □ Check (payable to Montgomery College) Credit card: □ MasterCard □ VISA □ Discover

Credit Card Information: Expiration date on card  3 or 4 digit Security code on your card

Credit Card Number

Name on Card

Card holder signature required _____________________________________________ Date___________________

Montgomery College is an Equal Opportunity Affirmative Action Title IX institution.

Please mail this form with your payment or credit card information to: Montgomery College WDCE Summer Youth Programs

51 Mannakee Street, CC 220 • Rockville, MD 20850 or FAX to 240–567–7548

<< BOTH SIDES OF REGISTRATION FORM MUST BE COMPLETED FOR ENROLLMENT >>

2/2019
This year we are transitioning to Camp Docs to maintain all the emergency information, health information, and other camp related forms. You will receive an e-mail from campdocs.com shortly after we process your child’s registration form with instructions on how to enter this information in the system.

Please note that Registration/Payment Information, and Youth Transfer or Withdrawal policies may be found at www.montgomerycollege.edu/youth/registration. These policies differ from other programs at the College.

For more information on our Summer Youth Camps, please see our General Information starting on page 5.

Parent / Guardian Information and Permission Form

Registration cannot be processed until all health information is complete.

Child’s Name: ___________________________________________       ___________________________________________      _____
First                                                                            Last                                                                          M.I.

Parent/Guardian Name: ___________________________________________    ___________________________________________      _____
First                                                                         Last                                                                          M.I.

Home Phone: (____) _____ – ________

Work Phone: (____) _____ – ________

Parent/Guardian Cell Phone: (____) _____ – ________

Permission Form (SIGNATURE REQUIRED FOR ENROLLMENT)

• I affirm that the information provided on this form is correct. I agree to abide by the policies and procedures of Montgomery College Youth Programs.

• I understand that my child will be attending classes on an open college campus and there will be no student supervision provided outside the classroom. He/she will abide by the rules and regulation of Montgomery College, including exhibiting classroom behavior that allows for a study environment free from harassment, discrimination, and disruption. Behavior contrary to this will not be tolerated and may result in expulsion.

• Should a medical emergency occur, I grant authority to Montgomery College Campus Security staff to provide necessary and reasonable medical attention to my child.

Parent/Guardian Signature________________________________________________________Date____________________
Youth Programs Registration Form
Side 1 of 2

(Please use black pen when completing this form.)

College ID Number: M2

(This is your Student ID Number. If you have taken courses at MC previously, you should have one. If not, the College will assign your MC Identification Number for you.)

Birthdate

Sex

Female

Male

Child’s Name

Last

First

Middle Initial

Address

House # and Street Name (Do NOT use P.O. Box or you will be charged Non-Md. resident fee.)

Apt. #

City

State

Zip

Is this a new address? Yes No

Have you attended MC before? Yes No

Parent Home Phone

Parent Work Phone

Emergency Contact Phone #

Parent Cell

Parent E–Mail

Emergency Contact Name

School Currently Attending

Grade 2020–2021

ETHNICITY: Choose one. (Disclosure not mandatory by Montgomery College, but is required by the U.S. Department of Education.)

☐ Not Hispanic or Latino

☐ Hispanic or Latino

RACE: Choose all that apply, you may choose more than one. (Disclosure not mandatory by Montgomery College, but is required by the U.S. Department of Education.)

☐ American Indian or Alaskan Native

☐ Asian

☐ Black or African American

☐ Native Hawaiian and other Pacific Islander

☐ White

☐ U.S. Citizen

☐ Permanent Resident (Circle one: Green Card / Working Card)

☐ Other Immigration Status (Used for tuition–setting purposes only)

CHECK ALL THAT APPLY:

☐ I have been a Maryland resident [as defined in the Montgomery College Catalog] for at least three months.

☐ I have NOT been a Maryland resident [as defined in the Montgomery College Catalog] for at least three months.

Begin Non-Md. Course CRN # Course # Course Title Tuition Fee Date Fee Total

Optional Contribution to Scholarship Fund

Total Due

Credit Card Information: Expiration date on card 3 or 4 digit Security code on your card

NOTE:
Credit card information will be detached and disposed of promptly and properly after payment is approved.

Credit Card Number

Name on Card

Card holder signature required ________________________________ Date __________________

Montgomery College is an Equal Opportunity Affirmative Action Title IX institution.

Please mail this form with your payment or credit card information to: Montgomery College WDCE Summer Youth Programs
51 Mannakee Street, CC 220 • Rockville, MD 20850 or FAX to 240–567–7548

<< BOTH SIDES OF REGISTRATION FORM MUST BE COMPLETED FOR ENROLLMENT >>
This year we are transitioning to Camp Docs to maintain all the emergency information, health information, and other camp related forms. You will receive an e-mail from campdocs.com shortly after we process your child’s registration form with instructions on how to enter this information in the system.

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**Parent / Guardian Information and Permission Form**

Registration cannot be processed until all health information is complete.

Child’s Name: ___________________________________________      ___________________________________________      _____
First                                                                            Last                                                                          M.I.

Parent/Guardian Name: ___________________________________________    ___________________________________________      _____
First                                                                         Last                                                                          M.I.

Home Phone: (_____ ) _____ – ________

Work Phone: (_____ ) _____ – ________

Parent/Guardian Cell Phone: (_____ ) _____ – ________

Permission Form (SIGNATURE REQUIRED FOR ENROLLMENT)

- I affirm that the information provided on this form is correct. I agree to abide by the policies and procedures of Montgomery College Youth Programs.

- I understand that my child will be attending classes on an open college campus and there will be no student supervision provided outside the classroom. He/she will abide by the rules and regulation of Montgomery College, including exhibiting classroom behavior that allows for a study environment free from harassment, discrimination, and disruption. Behavior contrary to this will not be tolerated and may result in expulsion.

- Should a medical emergency occur, I grant authority to Montgomery College Campus Security staff to provide necessary and reasonable medical attention to my child.

Parent/Guardian Signature_____________________________________________Date____________________
Montgomery College
Germantown Campus
20200 Observation Drive
Germantown, MD 20876
240-567-7700

Directions
Take I-270 to exit 15A (Route 118) North to Route 355. Continue about one mile to the first traffic light at Observation Drive, turn right. Follow the campus driveway to the student parking lots. Campus is also accessible from the Shady Grove Metro station via the Ride-On bus.

Legend of Buildings
BE  Bioscience Education Center
CG  Child Care Center
GN  Greenhouse
HS  Humanities and Social Sciences Building (Cafeteria)
HT  High Technology and Science Center (Globe Hall)
PG  Physical Education Building
PK  Paul Peck Academic and Innovation Building
SA  Science and Applied Studies Building (Admissions Office, Security Office, and Welcome Center)
Montgomery College
Rockville Campus
51 Mannakee Street
Rockville, MD 20850
240-567-5000

Directions
Take I-270 to Route 28 West (Montgomery Avenue/Rockville). Turn left onto Nelson Street go to first traffic light and turn left onto Mannakee Street. The campus is 1 and a 1/2 blocks on the left.
Campus is also accessible from the Shady Grove Metro station via the Ride-On bus.

Legend of Buildings
(as of February 2016)
AR  Paul Peck Art Building
AT  Amphitheatre
CB  Counseling/Advising Building (Security Office)
CC  Campus Center (Cafeteria)
CH  Child Care Center
CS  Computer Science Building
GU  Gudelsky Institute
HU  Humanities Building
MK  Mannakee Building
MT  Macklin Tower
MU  Music Building
PA  Robert E. Parilla Performing Arts Center
PE  Physical Education Center
SB  South Campus Instruction Building (Welcome Center)
SC  Science Center
SV  Student Services Building
SW  Science West Building
TA  Theatre Arts Building
TC  Technical Center
TT  Interim Technical Training Center
Montgomery College
Takoma Park/Silver Spring Campus
7600 Takoma Avenue
Takoma Park, MD 20912
240-567-1300

Directions
Take I-495 East or West to Exit 31B, Georgia Avenue South (Route 97). Continue south on Georgia Avenue past the Colesville Road (Route 29) intersection. Following the signs for Montgomery College, turn left onto Sligo Avenue. Follow Sligo Avenue to Fenton Street to the traffic light; turn right. Continue on Fenton Street to the traffic light at Philadelphia Avenue (Route 410); turn left. The campus is on the right. The campus is also accessible from the Silver Spring and Takoma Park Metro Stations, local Ride-On buses, and the Metrobus.
Summer 2020 offers more than 200 fun filled summer camps for grades 1–12. Many of our favorites are back including Black Rocket Computer Skills and Programming camps, FutureMakers Design and Build camps, Goldsmith Education LLC Programming and Engineering skills, Yang Academy of Math and Science, Study and Testing Skills for School Success camps, as well as the ever popular Circus Camp, Legal Eagles, and many more.

New camps this summer feature Abrakadoole camps, Kid Fit 101 camps, Mobile Art, Digital Art & Design camps, MC Engineers camps taught by Montgomery College Engineering faculty, lots of STEAM (Science Technology Engineering, Arts, Math) and more.