Summer Youth Programs

Over 200 Fun-Filled Classes for Grades K–12!

Montgomery College
Workforce Development & Continuing Education
Summer 2016
Course Schedule
We are excited to have your child be a part of our fun-filled summer youth programs. Montgomery College Youth Programs provide high quality summer courses that offer a variety of fun, educational, and engaging learning activities in a safe and nurturing environment. Our program is designed to appeal to a variety of students; one does not need to have a particular talent in order to attend. All we ask is that our students come to us with a strong, sincere interest in the subject and are ready to work with enthusiasm.

From front to back, the Summer 2016 Youth Programs brochure has SEVERAL new programs!!

We have added programs such as:
- Tiny Chefs Culinary Arts
- Foreign Languages—French & Spanish
- Digital Fab Lab Camp
- Programming—Python and JAVA
- Circus Camp
- G2: Girl Gamers Club
- Greek Gods and Mythology
- Kindergarten Readiness

Also, remember that we are here to answer any questions you may have, simply call us at 240-567-7264 or 240-567-7917.

Enjoy.

Sincerely,

George Payne
Vice President
Workforce Development & Continuing Education

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Welcome to another GREAT SUMMER!

How to Read a Course Description

Courses marked with GT are for Gifted and Talented students and require additional signatures for enrollment; see General Information on page 5 for more details regarding GT courses.

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

Sample Course Description:

**Course Name**
Creative Design and Robotics

The world of the future belongs to...robots! In this cutting edge class, learn the fundamentals of motorized mechanisms, design principles, sensors, and sound activation. Separate fact from fantasy by designing and building prototypes of task oriented robots. Learn problem solving to improve how your robots function in a series of design challenges. Students will work in pairs or teams for most of the program. Offered in conjunction with Black Rocket.

**Course Number**
YOU378

**Tuition and Fees**
$140 + $55 fee = $195; Non-Md. residents add $25

**Campus**
Rockville Campus

**CRN #**
CRN#: 11620

**Dates**
7/18–7/22

**Time**
9 a.m.–12 p.m.

**# of Sessions**
5 Sessions

**Days of Week**
M,T,W,R,F

**Grades/Ages (2015–2016 school year)**
Ages 11–14

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

240-567-7264 or 240-567-7917
Registering Your Student

Use one form for each student...

• Make Course Selection(s)
  Ages/Grades listed with each course title indicate the age/grade of the student during the 2015–2016 school year.

• Complete Registration Form
  One per student. Be sure to include student’s MC Identification Number. If he/she does not have an MC ID number, one will be assigned at 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
  Signature of school official is REQUIRED for students enrolling in courses indicated as [GT] (Applications cannot be processed without applicable signatures).

• 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. You will receive an e-mail with important information needed to complete the registration and payment process. You will have up to 3 business days to complete the payment process. After 3 business days, if your registration payment is not complete, you will be automatically withdrawn from the class.

• All Students Must Register a minimum of 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: http://www.montgomerycollege.edu/wdce/youth.html. There is a new two-step process for web registrations. Look for registration link under the program area.

• Fax: Summer Programs: 240-567-7548. Please indicate your credit card payment information.

• Mail: Mail form(s) and full payment to: Montgomery College, Workforce Development & Continuing Education, Summer Programs, 51 Mannakee Street, CC220, Rockville, MD 20850. Please make all checks payable to Montgomery College. American Express, 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.

Cancellation Policy
Courses may be cancelled due to under-enrollment at least 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).

Class Transfer Policy: Youth Programs Only
Students will be allowed to transfer from one class to another one time without a charge. Any additional schedule changes will be reviewed and may be subject to a $20 fee per change.
Refund Policy

• Parents who wish to withdraw their child from a course will receive a 100 percent refund if a written request is received at Montgomery College at least five business days prior to the start of the class. Requests to withdraw or drop from a class received within five business days before the start of the class or after class starts will be subject to a fee of $50.00.

• Requests for refunds may be completed by e-mailing the Youth Programs office at sharon.wolfgang@montgomerycollege.edu or karla.espinoza@montgomerycollege.edu or by calling 240-567-7264 or 240-567-7917. Please allow 3–4 weeks for refunds.

Scholarships

Pending funding, a limited number of partial scholarships may be available for Montgomery County students who qualify for free or reduced lunch. Scholarship application deadline: May 20, 2016. No scholarship applications will be accepted after May 20, 2016. Submission of a scholarship application does not guarantee that scholarship funds will be granted. Scholarships are awarded on a first come, first served basis. To apply for a scholarship, complete the registration form, and attach a copy of the free or reduced meals eligibility form or a copy of your current income tax form showing total family income. Mail these forms along with a check or credit card information for the amount of the fee. Scholarships are awarded for the amount of the TUITION ONLY for ONE COURSE PER STUDENT. Fees must be paid and must accompany your registration form. Call 240-567-7264 for more information.

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.

Communications

Youth Programs often 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. Parents without an e-mail address will receive information by phone and/or mail.

Confirmation Packet

A confirmation packet will be sent to the families of all registered students beginning in April. The packet will include a parent handbook, maps, a parent guide for the Before/After Care Program (if registered), and a parent survey form. Please return the survey you receive in your confirmation packet to us at the end of your child’s program. These surveys are instrumental in helping us develop programs that meet the needs of our community. Be sure to review the packet of information carefully so the first day of the summer program goes smoothly for you and your child.

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.
Disability Support Services
Montgomery College Youth Programs is committed to providing accessible education and a supportive learning environment for all students. To help us meet this goal, after you have registered, contact our WD&CE Disability Support Services counselor Natalie Martinez at natalie.martinez@montgomerycollege.edu or 240-567-4118 at least four weeks before the start of the program to inform the College of any physical disabilities or behavioral / social challenges your child has and to arrange for reasonable accommodations. MC does not provide medical assistants or care attendants. 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 for students in grades K–8 for an additional charge. A Before and After Care Agreement form must be completed and returned to the Youth Programs Office at least five business days prior to the start of the program. If your child is registered for Before and/or After Care, college staff will escort your child to and from their classes. See schedule, page 19–20.

Supervised Lunch
Students should bring a bag lunch or snack. For most programs the lunch session runs from 12–1 p.m. 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 escorted from their morning classroom to lunch, supervised during lunch, and then escorted to their afternoon class. Students attending only one half-day program are not eligible for lunch supervision services. NOTE: There is no supervision for students who do not attend camps all day.

The College cafeteria is also available and vending machines are located in various campus buildings (see maps on page 65–67 for campus cafeteria locations). The College cannot provide an environment free of foods containing nuts.

Drop-off and Pick-up Procedures
Please 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. 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. 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.

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.

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.
**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 completed by your child’s physician. A separate form must be completed for each medication, prescription, or over-the-counter drug.

**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 collected by the instructor, 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.

**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 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.

DO NOT BRING chewing gum, iPods, MP3 players, laptops, CD’s/DVD’s, 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, lap tops, and/or any other electronic devices owned by student.*

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**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 www.montgomerycollege.edu/wdce/bits/driverimprovement.html or call 240-567-2589.
### Summer Offerings....at a Glance

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<td>Grades 7–11 GT</td>
<td>6/27–7/1</td>
<td>M–F</td>
<td>3:45–5:45 p.m.</td>
<td>38</td>
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<tr>
<td>Geometry</td>
<td>Grades 6–10 GT</td>
<td>6/27–7/1</td>
<td>M–F</td>
<td>1:30–3:30 p.m.</td>
<td>39</td>
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<tr>
<td>Germantown Baseball Summer Camp</td>
<td>Ages 5–13</td>
<td>6/27–7/1</td>
<td>M–F</td>
<td>9 a.m.–3 p.m.</td>
<td>46</td>
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<tr>
<td>Germantown Baseball Summer Camp</td>
<td>Ages 5–13</td>
<td>6/27–7/1</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
<td>46</td>
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<tr>
<td>JAVA Programming Introduction</td>
<td>Grades 9–12 GT</td>
<td>6/27–7/8</td>
<td>M–F</td>
<td>1–4 p.m.</td>
<td>51</td>
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<tr>
<td>Knowledge College</td>
<td>Grades 1–6</td>
<td>6/27–7/1</td>
<td>M–F</td>
<td>9 a.m.–3 p.m.</td>
<td>45</td>
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<tr>
<td>Pre-Algebra</td>
<td>Grades 4–8</td>
<td>6/27–7/1</td>
<td>M–F</td>
<td>8:30–10:30 a.m.</td>
<td>40</td>
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<tr>
<td>Python: A Practical Introduction to Programming</td>
<td>Grades 9–12 GT</td>
<td>6/27–7/8</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
<td>54</td>
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<tr>
<td>Web Design for Boys and Girls</td>
<td>Grades 6–8</td>
<td>6/27–7/8</td>
<td>M–F</td>
<td>9 a.m.–3 p.m.</td>
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<td><strong>Rockville Campus</strong></td>
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<tr>
<td>Adventures in Mathematics</td>
<td>Ages 8–9</td>
<td>6/27–7/8</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
<td>37</td>
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<tr>
<td>Aggressive Learning for High School Athletes</td>
<td>Grades 9–12</td>
<td>6/27–7/1</td>
<td>M–F</td>
<td>8–9 a.m.</td>
<td>41</td>
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<tr>
<td>Aggressive Learning I for Middle School Students</td>
<td>Grades 6–8</td>
<td>6/27–7/1</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
<td>42</td>
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<tr>
<td>Aggressive Learning II for Middle School Students</td>
<td>Grades 6–8</td>
<td>6/27–7/1</td>
<td>M–F</td>
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<td>Algebra I</td>
<td>Grades 5–9 GT</td>
<td>6/27–7/1</td>
<td>M–F</td>
<td>10:45 a.m.–12:45 p.m.</td>
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<td>Algebra II</td>
<td>Grades 7–11 GT</td>
<td>6/27–7/1</td>
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<td>3:45–5:45 p.m.</td>
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<tr>
<td>All About Technology</td>
<td>Grades 2–4</td>
<td>6/27–7/1</td>
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<tr>
<td>Chemistry Creations</td>
<td>Grades 5–6</td>
<td>6/27–7/1</td>
<td>M–F</td>
<td>1–4 p.m.</td>
<td>44</td>
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<tr>
<td>Computer Animation with Macromedia Flash</td>
<td>Grades 6–8 GT</td>
<td>6/27–7/1</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
<td>48</td>
</tr>
<tr>
<td>Computer Programming 1</td>
<td>Grades 6–8</td>
<td>6/27–7/8</td>
<td>M–F</td>
<td>9 a.m.–3 p.m.</td>
<td>49</td>
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<tr>
<td>Cooking It Up with Kids</td>
<td>Grades 2–5</td>
<td>6/27–7/8</td>
<td>M–F</td>
<td>1–4 p.m.</td>
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<tr>
<td>Cupcake Wars</td>
<td>Ages 10–12</td>
<td>6/27–7/1</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
<td>25</td>
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<tr>
<td>Digital Art with Photoshop</td>
<td>Grades 7–10</td>
<td>6/27–7/1</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
<td>49</td>
</tr>
<tr>
<td>Digital Art with Photoshop</td>
<td>Grades 7–10</td>
<td>6/27–7/1</td>
<td>M–F</td>
<td>1–4 p.m.</td>
<td>49</td>
</tr>
<tr>
<td>Digital Graphics Arts with Adobe Photoshop and Illustrator</td>
<td>Grades 6–8 GT</td>
<td>6/27–7/1</td>
<td>M–F</td>
<td>1–4 p.m.</td>
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<tr>
<td>Effective Writing</td>
<td>Grades 4–6</td>
<td>6/27–7/1</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
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GT=Gifted and Talented
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<tr>
<th>Course</th>
<th>Grades/ Ages</th>
<th>Dates</th>
<th>M–F</th>
<th>Hours</th>
<th>Class Size</th>
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<tr>
<td>Elementary Engineering</td>
<td>Grades 3–5</td>
<td>6/27–7/1</td>
<td>M–F</td>
<td>1–4 p.m.</td>
<td>29</td>
</tr>
<tr>
<td>Engineering FUNdamentals Using LEGO®</td>
<td>Ages 8–12</td>
<td>6/27–7/1</td>
<td>M–F</td>
<td>1–4 p.m.</td>
<td>30</td>
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<tr>
<td>Etiquette and Character Education Enrichment</td>
<td>Grades 3–5</td>
<td>6/27–7/1</td>
<td>M–F</td>
<td>1–3 p.m.</td>
<td>27</td>
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<tr>
<td>Flight Academy</td>
<td>Grades 1–6</td>
<td>6/27–7/1</td>
<td>M–F</td>
<td>9 a.m.–3 p.m.</td>
<td>45</td>
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<tr>
<td>French: Cooking and Games</td>
<td>Ent. Grades 6–8</td>
<td>6/27–7/1</td>
<td>M–F</td>
<td>9 a.m.–3 p.m.</td>
<td>55</td>
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<tr>
<td>Geometry</td>
<td>Grades 6–10 GT</td>
<td>6/27–7/1</td>
<td>M–F</td>
<td>1:30 p.m.–3:30 p.m.</td>
<td>39</td>
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<tr>
<td>Greek Gods and Mythology</td>
<td>Grades 6–8</td>
<td>6/27–7/1</td>
<td>M–F</td>
<td>9 a.m.–3 p.m.</td>
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<tr>
<td>JAMZ Basketball Camp</td>
<td>Grades 3–5</td>
<td>6/27–7/1</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
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<tr>
<td>JAMZ Basketball Camp</td>
<td>Grades 6–8</td>
<td>6/27–7/1</td>
<td>M–F</td>
<td>1–4 p.m.</td>
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</tr>
<tr>
<td>Junior Writing Institute</td>
<td>Ent. Grades 2–3 GT</td>
<td>6/27–7/8</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
<td>35</td>
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<tr>
<td>Keyboarding for Computers</td>
<td>Grades 3–4</td>
<td>6/27–7/1</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
<td>52</td>
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<tr>
<td>Keys to Algebra Success</td>
<td>Grades 7–9</td>
<td>6/27–7/8</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
<td>39</td>
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<tr>
<td>Kindergarten Readiness</td>
<td>Ent. Kindergarten</td>
<td>6/27–7/8</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
<td>42</td>
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<tr>
<td>Minecraft Designers</td>
<td>Ages 11–14</td>
<td>6/27–7/1</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
<td>54</td>
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<tr>
<td>Minecraft Designers</td>
<td>Ages 8–10</td>
<td>6/27–7/1</td>
<td>M–F</td>
<td>1–4 p.m.</td>
<td>54</td>
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<tr>
<td>Mo Willems: Reading, Writing, and Art!</td>
<td>Grades 1–2</td>
<td>6/27–7/1</td>
<td>M–F</td>
<td>1–4 p.m.</td>
<td>36</td>
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<tr>
<td>Pre-Algebra</td>
<td>Grades 4–8</td>
<td>6/27–7/1</td>
<td>M–F</td>
<td>8:30–10:30 a.m.</td>
<td>40</td>
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<tr>
<td>Pre-Engineering FUNdamentals Using LEGO®</td>
<td>Ages 5–7</td>
<td>6/27–7/1</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
<td>31</td>
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<tr>
<td>Senior Writing Institute</td>
<td>Ent. Grades 4–5 GT</td>
<td>6/27–7/8</td>
<td>M–F</td>
<td>1–4 p.m.</td>
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</tr>
<tr>
<td>SOS for Middle School Students</td>
<td>Grades 6–8</td>
<td>6/27–7/1</td>
<td>M–F</td>
<td>5–7 p.m.</td>
<td>43</td>
</tr>
<tr>
<td>Strings Summer Camp for Young Musicians—Junior Level</td>
<td>Ent. Grades 3–5</td>
<td>6/27–7/1</td>
<td>M–F</td>
<td>9 a.m.–3:30 p.m.</td>
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<tr>
<td>Strings Summer Camp for Young Musicians—Senior Level</td>
<td>Ent. Grades 6–9</td>
<td>6/27–7/1</td>
<td>M–F</td>
<td>9 a.m.–3:30 p.m.</td>
<td>41</td>
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**Takoma Park/Silver Spring Campus**

<table>
<thead>
<tr>
<th>Course</th>
<th>Grades/ Ages</th>
<th>Dates</th>
<th>M–F</th>
<th>Hours</th>
<th>Class Size</th>
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<tr>
<td>Biotechnology and Diversity</td>
<td>Grades 5–9</td>
<td>6/27–7/1</td>
<td>M–F</td>
<td>9 a.m.–4 p.m.</td>
<td>44</td>
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<tr>
<td>Creative Speaking and Writing</td>
<td>Grades 5–8</td>
<td>6/27–7/1</td>
<td>M–F</td>
<td>9 a.m.–3 p.m.</td>
<td>34</td>
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<tr>
<td>Joy of Art: Comics Camp</td>
<td>Ages 9–16</td>
<td>6/27–7/1</td>
<td>M–F</td>
<td>9 a.m.–3 p.m.</td>
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GT=Gifted and Talented
### Classes Beginning the Week of July 5

#### Germantown Campus

<table>
<thead>
<tr>
<th>Class</th>
<th>Age Range</th>
<th>Dates</th>
<th>Days</th>
<th>Time</th>
<th>Code</th>
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<tbody>
<tr>
<td>Germantown Baseball Summer Camp</td>
<td>Ages 5–13</td>
<td>7/5–7/8</td>
<td>T–F</td>
<td>9 a.m.–12 p.m.</td>
<td>46</td>
</tr>
<tr>
<td>Germantown Baseball Summer Camp</td>
<td>Ages 5–13</td>
<td>7/5–7/8</td>
<td>T–F</td>
<td>9 a.m.–3 p.m.</td>
<td>46</td>
</tr>
<tr>
<td>Red Hot Robots</td>
<td>Grades 2–6</td>
<td>7/5–7/8</td>
<td>T–F</td>
<td>9 a.m.–3 p.m.</td>
<td>31</td>
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#### Rockville Campus

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<tr>
<th>Class</th>
<th>Age Range</th>
<th>Dates</th>
<th>Days</th>
<th>Time</th>
<th>Code</th>
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<tbody>
<tr>
<td>Computer-Aided Drafting and Design (CADD) Using Autodesk Inventor</td>
<td>Grades 8–11 GT</td>
<td>7/5–7/15</td>
<td>T–F</td>
<td>9 a.m.–12 p.m.</td>
<td>49</td>
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<tr>
<td>Digital Photo Editing</td>
<td>Grades 7–10</td>
<td>7/5–7/8</td>
<td>T–F</td>
<td>9 a.m.–12 p.m.</td>
<td>50</td>
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<tr>
<td>Digital Photo Editing</td>
<td>Grades 7–10</td>
<td>7/5–7/8</td>
<td>T–F</td>
<td>1–4 p.m.</td>
<td>50</td>
</tr>
<tr>
<td>Dive Into Summer Writing</td>
<td>Grades 1–3</td>
<td>7/5–7/8</td>
<td>T–F</td>
<td>9 a.m.–12 p.m.</td>
<td>34</td>
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<tr>
<td>Drawing 101</td>
<td>Grades 7–10</td>
<td>7/5–7/15</td>
<td>T–F</td>
<td>9 a.m.–3 p.m.</td>
<td>21</td>
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<tr>
<td>French: Stories, Dramatic Storytelling, and Games</td>
<td>Ent. Grades 6–8</td>
<td>7/5–7/8</td>
<td>T–F</td>
<td>9 a.m.–3 p.m.</td>
<td>56</td>
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<tr>
<td>Make Your First 3D Video Game!</td>
<td>Ages 8–10</td>
<td>7/5–7/8</td>
<td>T–F</td>
<td>9 a.m.–4:30 p.m.</td>
<td>52</td>
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<tr>
<td>Make Your First 3D Video Game!</td>
<td>Ages 11–14</td>
<td>7/5–7/8</td>
<td>T–F</td>
<td>1–4 p.m.</td>
<td>52</td>
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<tr>
<td>SAT/ACT Writing: Multiple Choice and Essay Skills</td>
<td>Grades 9–11 GT</td>
<td>7/5–7/15</td>
<td>T–F</td>
<td>9 a.m.–12 p.m.</td>
<td>43</td>
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<tr>
<td>Science in Motion!</td>
<td>Grades 1–6</td>
<td>7/5–7/8</td>
<td>T–F</td>
<td>9 a.m.–3 p.m.</td>
<td>46</td>
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<tr>
<td>SOS for Middle School Students</td>
<td>Grades 6–8</td>
<td>7/5–7/15</td>
<td>T–F</td>
<td>5–7 p.m.</td>
<td>43</td>
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### Classes Beginning the Week of July 11

#### Germantown Campus

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<tbody>
<tr>
<td>3-2-1 Blast-Off!</td>
<td>Grades 2–6</td>
<td>7/11–7/15</td>
<td>M–F</td>
<td>9 a.m.–3 p.m.</td>
<td>44</td>
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<tr>
<td>Algebra II</td>
<td>Grades 7–11 GT</td>
<td>7/11–7/15</td>
<td>M–F</td>
<td>3:45–5:45 p.m.</td>
<td>38</td>
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<tr>
<td>Calculus</td>
<td>Grades 9–12 GT</td>
<td>7/11–7/15</td>
<td>M–F</td>
<td>8:30–10:30 a.m.</td>
<td>38</td>
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<tr>
<td>Pre-Calculus</td>
<td>Grades 8–11 GT</td>
<td>7/11–7/15</td>
<td>M–F</td>
<td>10:45 a.m.–12:45 p.m.</td>
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#### Rockville Campus

<table>
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<th>Class</th>
<th>Age Range</th>
<th>Dates</th>
<th>Days</th>
<th>Time</th>
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<tbody>
<tr>
<td>A Sticky Situation: Duct Tape Art</td>
<td>Grades 4–6</td>
<td>7/11–7/15</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
<td>21</td>
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<tr>
<td>Algebra II</td>
<td>Grades 7–11 GT</td>
<td>7/11–7/15</td>
<td>M–F</td>
<td>3:45–5:45 p.m.</td>
<td>38</td>
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<tr>
<td>App Adventures! The Next Level</td>
<td>Ages 11–14</td>
<td>7/11–7/15</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
<td>48</td>
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<tr>
<td>Baking &quot;Boot Camp&quot;</td>
<td>Ages 7–9</td>
<td>7/11–7/15</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
<td>25</td>
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<tr>
<td>Calculus</td>
<td>Grades 9–12 GT</td>
<td>7/11–7/15</td>
<td>M–F</td>
<td>8:30–10:30 a.m.</td>
<td>38</td>
</tr>
<tr>
<td>Cartooning, Comics, and Manga</td>
<td>Grades 5–8</td>
<td>7/11–7/15</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
<td>21</td>
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<tr>
<td>Circuit Fundamentals and Creation</td>
<td>Grades 7–11</td>
<td>7/11–7/15</td>
<td>M–F</td>
<td>1–4 p.m.</td>
<td>28</td>
</tr>
<tr>
<td>Computer Animation with Macromedia Flash</td>
<td>Grades 6–8 GT</td>
<td>7/11–7/15</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
<td>48</td>
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<td>Course</td>
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<tr>
<td>Computer Programming 2</td>
<td>Grades 6–8</td>
<td>7/11–7/22</td>
<td>M–F</td>
<td>9 a.m.–3 p.m.</td>
<td>49</td>
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<tr>
<td>Digital Game Design and Creation 1</td>
<td>Grades 6–8 GT</td>
<td>7/11–7/15</td>
<td>M–F</td>
<td>1–4 p.m.</td>
<td>50</td>
</tr>
<tr>
<td>Engineering FUNdamentals Using LEGO®</td>
<td>Ages 8–12</td>
<td>7/11–7/15</td>
<td>M–F</td>
<td>1–4 p.m.</td>
<td>30</td>
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<tr>
<td>Etiquette and Character Education Enrichment</td>
<td>Grades 6–9 (Boys Only)</td>
<td>7/11–7/15</td>
<td>M–F</td>
<td>1–3 p.m.</td>
<td>27</td>
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<tr>
<td>Everyone’s a Star</td>
<td>Grades K–4</td>
<td>7/11–7/22</td>
<td>M–F</td>
<td>1–4 p.m.</td>
<td>26</td>
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<tr>
<td>G2: Girl Gamers Club</td>
<td>Ages 8–10</td>
<td>7/11–7/15</td>
<td>M–F</td>
<td>1–4 p.m.</td>
<td>51</td>
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<tr>
<td>Geometry</td>
<td>Grades 6–10 GT</td>
<td>7/11–7/15</td>
<td>M–F</td>
<td>1:30–3:30 p.m.</td>
<td>39</td>
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<tr>
<td>Introductory Theater</td>
<td>Grades 6–8</td>
<td>7/11–7/22</td>
<td>M–F</td>
<td>1–4 p.m.</td>
<td>26</td>
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<tr>
<td>It’s Up for Debate</td>
<td>Grades 6–8 GT</td>
<td>7/11–7/22</td>
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<tr>
<td>JAMZ Basketball Camp</td>
<td>Grades 3–5</td>
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<tr>
<td>JAMZ Basketball Camp</td>
<td>Grades 6–8</td>
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<tr>
<td>Keyboarding for Computers</td>
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<tr>
<td>Knowledge College</td>
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<td>Magic of Line Drawing</td>
<td>Grades 6–8</td>
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<tr>
<td>Mastering Writing Techniques</td>
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<tr>
<td>Minecraft Modders</td>
<td>Ages 8–10</td>
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<tr>
<td>Minecraft Modders</td>
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<tr>
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<td>Grades 7–9</td>
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<tr>
<td>Pre-Calculus</td>
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<td>10:45 a.m.–12:45 p.m.</td>
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<tr>
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<tr>
<td>Robotics with NXT</td>
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<tr>
<td>Rockin’ Engineers</td>
<td>Grades 2–4</td>
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<tr>
<td>Rockville Tennis Camp</td>
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<td>Smart Money for Savvy Teens I</td>
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<tr>
<td>Spanish: Cooking and Games</td>
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<tr>
<td>Spectacular Sculpture: Plaster, Clay, and Wire, Oh My!</td>
<td>Grades 6–8</td>
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<tr>
<td>Survival Electronics: Hack &amp; Build</td>
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<tr>
<td>The Makerspace: Tools, Tech and Tinkering</td>
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**Takoma Park/Silver Spring Campus**

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<td>Germantown Campus</td>
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<td>Germantown Baseball Summer Camp Ages 5–13</td>
<td>7/18–7/22</td>
<td>M–F</td>
<td>9 a.m.–3 p.m.</td>
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<td>Germantown Baseball Summer Camp Ages 5–13</td>
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<td>MC Cybercamp Grades 7–12</td>
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<td>9 a.m.–1 p.m.</td>
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<td>Advanced Placement Readiness Grades 9–11 GT</td>
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<td>Algebra I Grades 5–9 GT</td>
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<td>Amazing 4 in 1 Robot Ages 6–9</td>
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<td>Arcade Invention Lab Grades 3–5</td>
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<td>Architectural Design: An Introduction Grades 9–12 GT</td>
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<td>Creative Design and Robotics Ages 11–14</td>
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<td>Creative Design and Robotics Ages 8–10</td>
<td>7/18–7/22</td>
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<td>Digital Fab Lab Camp Grades 6–8 GT</td>
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<td>Digital Game Design and Creation 1 Grades 6–8 GT</td>
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<td>Digital Graphics Arts with Adobe Photoshop and Illustrator Grades 6–8 GT</td>
<td>7/18–7/22</td>
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<td>Digital Storytellers Ages 11–14</td>
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<td>Engineering: An Introduction Grades 6–8 GT</td>
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<td>Flying Machine Construction Lab Grades 1–3</td>
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<td>Forensic Fundamentals: Biology, Chemistry, and Crime Grades 1–6</td>
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<td>Geometric Animals Grades 3–5</td>
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<td>Geometry Grades 6–10 GT</td>
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<td>Greek Gods and Mythology Grades 9–10</td>
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<td>Keyboarding for Computers Grades 5–6</td>
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<tr>
<td>Lego® Films and Stop Action! Ages 8–12</td>
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<td>Master Your Presentations Grades 3–5</td>
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<tr>
<td>Mathematics in the Real World Grades 8–10</td>
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<td>My Money MatterZ—I Grades 4–6 GT</td>
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<td>Pre-Algebra Grades 4–8</td>
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<td>Program</td>
<td>Grades/ Ages</td>
<td>Dates</td>
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<td>Reading Made Fun</td>
<td>Grades 1–2</td>
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<td>SOS for High School Students</td>
<td>Grades 9–12</td>
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<tr>
<td>Spanish: Stories, Dramatic Storytelling, and Games</td>
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<td>Young Artist Program</td>
<td>Grades 3–6</td>
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<td>1–4 p.m.</td>
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<tr>
<td>Algebra I</td>
<td>Grades 5–9 GT</td>
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<td>10:45 a.m.–12:45 p.m.</td>
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<td>Algebra II</td>
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<td>Geometry</td>
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<td>1:30–3:30 p.m.</td>
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<td>Joy of Art: Medieval Fantasy</td>
<td>Ent. Grades 1–6</td>
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<td>Pre-Algebra</td>
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<td>8:30–10:30 a.m.</td>
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<td>Science in Motion!</td>
<td>Grades 1–6</td>
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<td>Germantown Baseball Summer Camp</td>
<td>Ages 5–13</td>
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<td>Germantown Baseball Summer Camp</td>
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<td>A Sticky Situation: Duct Tape Art</td>
<td>Grades 7–9</td>
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<td>Algebra II</td>
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<td>App Attack! Make Your First Game App</td>
<td>Ages 8–10</td>
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<td>App Attack! Make Your First Game App</td>
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<td>Calculus</td>
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<td>Cartooning, Comics, and Manga</td>
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<td>Chemistry Creations</td>
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<td>Digital Fab Lab Camp</td>
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<td>Drawing for the Drawer: Connecting the Hand to the Brain</td>
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<td>Egyptian Dig—Buried Treasure Digs</td>
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<td>Electric Art &amp; Engineering Studio</td>
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<td>Elementary Engineering</td>
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<td>Geometric Animals</td>
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<td>Introductory Theater</td>
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<td>Keyboarding for Computers</td>
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<td>Legal Eagles: Trial by Jury</td>
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<td>Maker Labs: Make Your First 3D Creation</td>
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<td>7/25–7/29</td>
<td>M–F</td>
<td>1–4 p.m.</td>
</tr>
<tr>
<td>Making 3D Models</td>
<td>Grades 7–9 GT</td>
<td>7/25–7/29</td>
<td>M–F</td>
<td>1–4 p.m.</td>
</tr>
<tr>
<td>Mysteries in History</td>
<td>Ages 11–14</td>
<td>7/25–7/29</td>
<td>M–F</td>
<td>1–4 p.m.</td>
</tr>
<tr>
<td>Paint-A-Rama</td>
<td>Grades 3–5</td>
<td>7/25–7/29</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
</tr>
<tr>
<td>Poetry—Palooza!</td>
<td>Grades 10–12</td>
<td>7/25–7/29</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
</tr>
<tr>
<td>Pre-Calculus</td>
<td>Grades 8–11 GT</td>
<td>7/25–7/29</td>
<td>M–F</td>
<td>10:45 a.m.–12:45 p.m.</td>
</tr>
<tr>
<td>Psych: What It All Means</td>
<td>Grades 5–9</td>
<td>7/25–7/29</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
</tr>
<tr>
<td>Reading Adventures</td>
<td>Grades 1–3</td>
<td>7/25–7/29</td>
<td>M–F</td>
<td>1–4 p.m.</td>
</tr>
<tr>
<td>Reading for the SAT/ACT</td>
<td>Grades 9–12 GT</td>
<td>7/25–7/29</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
</tr>
<tr>
<td>Rockville Tennis Camp</td>
<td>Ages 6–11</td>
<td>7/25–7/29</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
</tr>
<tr>
<td>Smart Money Counts—Financial Mapping for Your Future</td>
<td>Grades 9–12 GT</td>
<td>7/25–7/29</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
</tr>
<tr>
<td>Spanish: Stories, Puppertry, and Games</td>
<td>Ent. Grades 1–3</td>
<td>7/25–7/29</td>
<td>M–F</td>
<td>9 a.m.–3 p.m.</td>
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<tr>
<td>Super Software Mania</td>
<td>Grades 5–6</td>
<td>7/25–7/29</td>
<td>M–F</td>
<td>9 a.m.–3 p.m.</td>
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<td>Vehicle Invention Lab</td>
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<td>7/25–7/29</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
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<tr>
<td>Young Artist Program</td>
<td>Grades 3–6</td>
<td>7/25–7/29</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
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</table>

**Takoma Park/Silver Spring Campus**

| Algebra II | Grades 7–11 GT | 7/25–7/29 | M–F | 3:45–5:45 p.m. | 38 |
| Calculus   | Grades 9–12 GT | 7/25–7/29 | M–F | 8:30–10:30 a.m. | 38 |
| Geometry   | Grades 6–10 GT | 7/25–7/29 | M–F | 1:30–3:30 p.m. | 39 |
| Joy of Art: World of Puppets | Ent. Grades 1–6 | 7/25–7/29 | M–F | 9 a.m.–3 p.m. | 23 |
| Pre-Calculus | Grades 8–11 GT | 7/25–7/29 | M–F | 10:45 a.m.–12:45 p.m. | 40 |
| Secret Agent Lab | Grades 1–6 | 7/25–7/29 | M–F | 9 a.m.–3 p.m. | 46 |

*GT=Gifted and Talented*
<table>
<thead>
<tr>
<th>Classes Beginning the Week of August 1</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Germantown Campus</strong></td>
</tr>
<tr>
<td>Germantown Baseball Summer Camp</td>
</tr>
<tr>
<td>Germantown Baseball Summer Camp</td>
</tr>
<tr>
<td>Smart Money Counts—Financial Mapping for Your Future</td>
</tr>
<tr>
<td><strong>Rockville Campus</strong></td>
</tr>
<tr>
<td>Aggressive Learning for High School Athletes</td>
</tr>
<tr>
<td>Aggressive Learning I for High School Students</td>
</tr>
<tr>
<td>Aggressive Learning II for High School Students</td>
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<tr>
<td>Algebra I</td>
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<tr>
<td>Algebra II</td>
</tr>
<tr>
<td>Circus Camp</td>
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<tr>
<td>Creative Engineering Workshop</td>
</tr>
<tr>
<td>Engineering: An Introduction</td>
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<tr>
<td>Explore the Magic of Reading, Writing, and Technology</td>
</tr>
<tr>
<td>Financial Fitne$$ for Teens</td>
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<tr>
<td>French: Stories, Puppetry, and Games</td>
</tr>
<tr>
<td>Geometry</td>
</tr>
<tr>
<td>Hovercraft—Design Your Own Vehicle—Egg Drop Car</td>
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<tr>
<td>Intensive Creative Writing Workshop</td>
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<tr>
<td>Keyboarding for Computers</td>
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<tr>
<td>Keys to Algebra Success</td>
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<tr>
<td>Kindergarten Readiness</td>
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<tr>
<td>Legal Eagles: Trial by Jury</td>
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<tr>
<td>Make Your First Video Game</td>
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<td>Make Your First Video Game</td>
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<tr>
<td>Minecraft Animators</td>
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<td>Minecraft Animators</td>
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<tr>
<td>Mo Willems: Reading, Writing, and Art!</td>
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<tr>
<td>Mysteries in History</td>
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<tr>
<td>Painting with Watercolors</td>
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<td>Pre-Algebra</td>
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<td>Class</td>
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<tr>
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<tr>
<td>Reading Made Fun</td>
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<tr>
<td>Rockin' Engineers</td>
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<tr>
<td>Rockville Tennis Camp</td>
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<tr>
<td>Snack Attack</td>
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<tr>
<td>SOS for Middle School Students</td>
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<tr>
<td>Web Design for Boys and Girls</td>
</tr>
<tr>
<td>Woodshop: Basics to Boxes</td>
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<tr>
<td>Woodshop: Tools to Tables</td>
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<td>Writing Club</td>
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<td>Writing Club</td>
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<td>Writing Games and Digital Stories in the New Alice</td>
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**Takoma Park/Silver Spring Campus**

<table>
<thead>
<tr>
<th>Class</th>
<th>Grade(s)</th>
<th>Dates</th>
<th>Days</th>
<th>Time</th>
<th>Cost</th>
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</thead>
<tbody>
<tr>
<td>Algebra I</td>
<td>Grades 5–9 GT</td>
<td>8/1–8/5</td>
<td>M–F</td>
<td>10:45 a.m.–12:45 p.m.</td>
<td>37</td>
</tr>
<tr>
<td>Algebra II</td>
<td>Grades 7–11 GT</td>
<td>8/1–8/5</td>
<td>M–F</td>
<td>3:45–5:45 p.m.</td>
<td>38</td>
</tr>
<tr>
<td>Geometry</td>
<td>Grades 6–10 GT</td>
<td>8/1–8/5</td>
<td>M–F</td>
<td>1:30–3:30 p.m.</td>
<td>39</td>
</tr>
<tr>
<td>Joy of Art: Action Art</td>
<td>Ent. Grades 1–6</td>
<td>8/1–8/5</td>
<td>M–F</td>
<td>9 a.m.–3 p.m.</td>
<td>22</td>
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<tr>
<td>Pre-Algebra</td>
<td>Grades 4–8</td>
<td>8/1–8/5</td>
<td>M–F</td>
<td>8:30 a.m.–10:30 a.m.</td>
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</tbody>
</table>

**Classes Beginning the Week of August 8**

**Germantown Campus**

<table>
<thead>
<tr>
<th>Class</th>
<th>Grade(s)</th>
<th>Dates</th>
<th>Days</th>
<th>Time</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algebra II</td>
<td>Grades 7–11 GT</td>
<td>8/8–8/12</td>
<td>M–F</td>
<td>3:45–5:45 p.m.</td>
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</tr>
<tr>
<td>Calculus</td>
<td>Grades 9–12 GT</td>
<td>8/8–8/12</td>
<td>M–F</td>
<td>8:30–10:30 a.m.</td>
<td>38</td>
</tr>
<tr>
<td>Pre-Calculus</td>
<td>Grades 8–11 GT</td>
<td>8/8–8/12</td>
<td>M–F</td>
<td>10:45 a.m.–12:45 p.m.</td>
<td>40</td>
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**Rockville Campus**

<table>
<thead>
<tr>
<th>Class</th>
<th>Grade(s)</th>
<th>Dates</th>
<th>Days</th>
<th>Time</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algebra II</td>
<td>Grades 7–11 GT</td>
<td>8/8–8/12</td>
<td>M–F</td>
<td>3:45–5:45 p.m.</td>
<td>38</td>
</tr>
<tr>
<td>Calculus</td>
<td>Grades 9–12 GT</td>
<td>8/8–8/12</td>
<td>M–F</td>
<td>8:30–10:30 a.m.</td>
<td>38</td>
</tr>
<tr>
<td>Chin Up, Girl!</td>
<td>Grades 6–8</td>
<td>8/8–8/12</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
<td>27</td>
</tr>
<tr>
<td>Code Breakers</td>
<td>Ages 8–10</td>
<td>8/8–8/12</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
<td>48</td>
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<tr>
<td>Code Breakers</td>
<td>Ages 11–14</td>
<td>8/8–8/12</td>
<td>M–F</td>
<td>1–4 p.m.</td>
<td>48</td>
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<tr>
<td>Creative Speaking and Writing</td>
<td>Grades 5–8</td>
<td>8/8–8/19</td>
<td>M–F</td>
<td>9 a.m.–3 p.m.</td>
<td>34</td>
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<tr>
<td>Dissecting Computer Technology</td>
<td>Grades 7–11</td>
<td>8/8–8/12</td>
<td>M–F</td>
<td>1–4 p.m.</td>
<td>51</td>
</tr>
<tr>
<td>Electronic Lab</td>
<td>Ages 9–12</td>
<td>8/8–8/12</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
<td>29</td>
</tr>
<tr>
<td>Etiquette and Character Education Enrichment</td>
<td>Grades 6–9 (Girls Only)</td>
<td>8/8–8/12</td>
<td>M–F</td>
<td>1–3 p.m.</td>
<td>27</td>
</tr>
<tr>
<td>Course</td>
<td>Grades</td>
<td>Dates</td>
<td>Days</td>
<td>Time</td>
<td>Code</td>
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<tr>
<td>Geometry</td>
<td>Grades 6–10 GT</td>
<td>8/8–8/12</td>
<td>M–F</td>
<td>1:30–3:30 p.m.</td>
<td>39</td>
</tr>
<tr>
<td>Keyboarding for Computers</td>
<td>Grades 3–4</td>
<td>8/8–8/12</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
<td>52</td>
</tr>
<tr>
<td>Model Airplanes—Bridge Building—Electronic Gadgets</td>
<td>Ages 9–12</td>
<td>8/8–8/12</td>
<td>M–F</td>
<td>1–4 p.m.</td>
<td>46</td>
</tr>
<tr>
<td>Pre-Calculus</td>
<td>Grades 8–11 GT</td>
<td>8/8–8/12</td>
<td>M–F</td>
<td>10:45 a.m.–12:45 p.m.</td>
<td>40</td>
</tr>
<tr>
<td>Robotics with NXT</td>
<td>Grades 6–8</td>
<td>8/8–8/12</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
<td>31</td>
</tr>
<tr>
<td>SOS for High School Students</td>
<td>Grades 9–12</td>
<td>8/8–8/19</td>
<td>M–F</td>
<td>5–7 p.m.</td>
<td>43</td>
</tr>
<tr>
<td>Theatre Arts and Design</td>
<td>Grades 5–8</td>
<td>8/8–8/12</td>
<td>M–F</td>
<td>1–4 p.m.</td>
<td>26</td>
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<tr>
<td><strong>Takoma Park/Silver Spring Campus</strong></td>
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<tr>
<td>Introduction to Sewing</td>
<td>Ages 9–16</td>
<td>8/8–8/12</td>
<td>M–F</td>
<td>9 a.m.–3 p.m.</td>
<td>22</td>
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<tr>
<td><strong>Classes Beginning the Week of August 15</strong></td>
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<td></td>
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<tr>
<td><strong>Germantown Campus</strong></td>
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</tr>
<tr>
<td>Algebra I</td>
<td>Grades 5–9 GT</td>
<td>8/15–8/19</td>
<td>M–F</td>
<td>10:45 a.m.–12:45 p.m.</td>
<td>37</td>
</tr>
<tr>
<td>Algebra II</td>
<td>Grades 7–11 GT</td>
<td>8/15–8/19</td>
<td>M–F</td>
<td>3:45–5:45 p.m.</td>
<td>38</td>
</tr>
<tr>
<td>Geometry</td>
<td>Grades 6–10 GT</td>
<td>8/15–8/19</td>
<td>M–F</td>
<td>1:30–3:30 p.m.</td>
<td>39</td>
</tr>
<tr>
<td>Pre-Algebra</td>
<td>Grades 4–8</td>
<td>8/15–8/19</td>
<td>M–F</td>
<td>8:30–10:30 a.m.</td>
<td>40</td>
</tr>
<tr>
<td>Smart Money for Savvy Teens I</td>
<td>Grades 9–12 GT</td>
<td>8/15–8/19</td>
<td>M–F</td>
<td>1–4 p.m.</td>
<td>33</td>
</tr>
<tr>
<td><strong>Rockville Campus</strong></td>
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<td></td>
</tr>
<tr>
<td>Algebra I</td>
<td>Grades 5–9 GT</td>
<td>8/15–8/19</td>
<td>M–F</td>
<td>10:45 a.m.–12:45 p.m.</td>
<td>37</td>
</tr>
<tr>
<td>Algebra II</td>
<td>Grades 7–11 GT</td>
<td>8/15–8/19</td>
<td>M–F</td>
<td>3:45–5:45 p.m.</td>
<td>38</td>
</tr>
<tr>
<td>Geometry</td>
<td>Grades 6–10 GT</td>
<td>8/15–8/19</td>
<td>M–F</td>
<td>1:30–3:30 p.m.</td>
<td>39</td>
</tr>
<tr>
<td>JAMZ Basketball Camp</td>
<td>Grades 3–5</td>
<td>8/15–8/19</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
<td>47</td>
</tr>
<tr>
<td>JAMZ Basketball Camp</td>
<td>Grades 6–8</td>
<td>8/15–8/19</td>
<td>M–F</td>
<td>1–4 p.m.</td>
<td>47</td>
</tr>
<tr>
<td>Pre-Algebra</td>
<td>Grades 4–8</td>
<td>8/15–8/19</td>
<td>M–F</td>
<td>8:30–10:30 a.m.</td>
<td>40</td>
</tr>
<tr>
<td>Whose Line Is It Anyway?</td>
<td>Grades 3–5</td>
<td>8/15–8/19</td>
<td>M–F</td>
<td>9 a.m.–12 p.m.</td>
<td>27</td>
</tr>
<tr>
<td>Whose Line Is It Anyway?</td>
<td>Grades 6–8</td>
<td>8/15–8/19</td>
<td>M–F</td>
<td>1–4 p.m.</td>
<td>27</td>
</tr>
</tbody>
</table>

*GT=Gifted and Talented*
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 pages 62–65.**

<table>
<thead>
<tr>
<th>Week of June 27–July 1</th>
<th>Germantown Campus</th>
<th>CRN #</th>
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<tbody>
<tr>
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<tr>
<td>YOU339 After Care</td>
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<table>
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<tbody>
<tr>
<td>YOU341 Before Care</td>
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<td>YOU339 After Care</td>
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<tbody>
<tr>
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<th>Week of July 5–July 8 (T,W,R,F)</th>
<th>Germantown Campus</th>
<th>CRN #</th>
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<tbody>
<tr>
<td>YOU340 Before Care</td>
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<tr>
<td>YOU340 Before Care</td>
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<tr>
<td>YOU338 After Care</td>
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<table>
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<th>Takoma Park/Silver Spring Campus</th>
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<tr>
<td>YOU340 Before Care</td>
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<td>YOU338 After Care</td>
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<td>YOU339 After Care</td>
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<td>YOU339 After Care</td>
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<td>11805</td>
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<tr>
<td>YOU339 After Care</td>
<td>11827</td>
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</table>

**Before Care**

Course #: YOU341 5 Sessions
Monday–Friday 7–9 a.m.
$45 + $15 fee = $60; Non-Md. residents add $25

**After Care**

Course #: YOU339 5 Sessions
Monday–Friday 3–6 p.m.
$60 + $15 fee = $75; Non-Md. residents add $25

**Week of July 5–July 8  T,W,R,F only (No class on 7/4)**

**Before Care**

Course #: YOU340 4 Sessions
Tuesday–Friday 7–9 a.m.
$40 + $10 fee = $50; Non-Md. residents add $25

**After Care**

Course #: YOU338 4 Sessions
Tuesday–Friday 3–6 p.m.
$55 + $10 fee = $65; Non-Md. residents add $25

Refer to the table for CRN numbers.
<table>
<thead>
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<th>Campus</th>
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**Before Care and After Care for Summer Youth Programs**

**Grades K–8**

*Making our summer programs more convenient!*
A Sticky Situation: Duct Tape Art

Duct tape, an art material? Yes it is! This is your chance to explore the many uses for duct tape and how you can use it to create your very own artwork. We’ll use duct tape to create 2D and 3D fine art pieces—both functional and nonfunctional. Learn to make items like flowers, bags, and wallets, as well as other 3D sculptures and 2D collages. No previous experience is necessary. The sky is the limit!

Instructor: Cynthia J. Smidt, BA Art History, BA Art Education, UMCP

Course: YOU497  
15 Hours  
$145 + $55 fee = $200; Non-Md. residents add $25

Rockville Campus

CRN#: 11739  5 Sessions  
7/11–7/15  9 a.m.–12 p.m.

Grades 4–6

CRN#: 11738  5 Sessions  
7/25–7/29  1–4 p.m.

Grades 7–9

Drawing 101

Join us to learn all about observational drawing techniques and concepts, with an emphasis on understanding its formal language and the fundamentals of artistic expression. Draw still-life, landscape, and life models from observation with a focus towards realism. Enhance your understanding of realism with the exploration and development of the 3D forms on paper using color, charcoal, and graphite. Color theory, linear perspective, compositional structure, figure/ground relationships, visual perception, spatial concepts, and critical thinking skills will all be addressed. Demonstrations, PowerPoint lectures, group and individual critiques will be given throughout the course. Mediums used include graphite, charcoal, and colored pencils. We will cover a wide variety of techniques but the main emphasis will be placed on encouraging and nourishing personal growth and creativity.

Instructor: Malina Owens

Course: YOU800  
54 Hours  
$225 + $50 fee = $275; Non-Md. residents add $25

Rockville Campus

CRN#: 11873  9 Sessions  
7/5–7/15  9 a.m.–3 p.m.

Grades 7–10

Drawing for the Drawer: Connecting the Hand to the Brain

Drawing is a universal form of communication. In this class we’ll discuss how the physiology of the human eye/brain shapes our perception. Learn how binocular vision, depth of field, and rod and cone distribution all influence how we see the world. Find out how saccadic movement of the eye—the quick restless scanning from point to point—allows us to search for the things that are most useful or meaningful and filter out distractions. Study the fundamentals of the many different dialects there are in drawing from charcoal to pen and ink, from drawing life to image reproduction. This will help you in the development of your own personal language that you will carry with you for the rest of your life.

Instructor: Marynell Curtis

Course: YOU574  
15 Hours  
$155 + $55 fee = $210; Non-Md. residents add $25

Rockville Campus

CRN#: 11725  5 Sessions  
7/25–7/29  9 a.m.–12 p.m.

Grades 7–10
Experience the Smithsonian

Explore the most amazing and free art museums of Washington DC! Travel by subway to the American Art Museum, the National Gallery of Art, the Air and Space and the Natural History Museum; just to name a few. We’ll talk about cultural themes and elements of art, such as color and texture and shape. We’ll also take advantage of museum educational programs. So bring your lunch and wear your walking shoes as we visit two museums a day! Instructor: Mary Margaret Delaney.

Course: YOU524
35 Hours
$225 + $80 fee = $305; Non-Md. residents add $25

Rockville Campus
CRN#: 11724 5 Sessions M,T,W,R,F
7/25–7/29 9 a.m.–4 p.m.
Ages 8–12

Geometric Animals

Join us to explore methods of creating an animal collage. Practice drawing techniques with a variety of pencils, marker, charcoal pencil, colored pencils, and Conté. Instructor: Myra Maslowsky

Course: YOU709
15 Hours
$150 + $50 fee = $200; Non-Md. residents add $25

Rockville Campus
CRN#: 11641 5 Sessions M,T,W,R,F
7/18–7/22 9 a.m.–12 p.m.
Grades 3–5

CRN#: 11642 5 Sessions M,T,W,R,F
7/25–7/29 1–4 p.m.
Grades 3–5

Introduction to Sewing

Learn how to use a sewing machine in this intensive 5–day camp. Learn to sew some basic yet fun projects, and how to make some essential hand-stitches. Also learn about different fibers and materials, how to use a pattern, and other fundamental sewing skills. All materials and machines will be provided. Instructor: Anne LeVeque

Course: YOU716
30 Hours
$200 + $60 fee = $260; Non-Md. residents add $25

Takoma Park/Silver Spring Campus
CRN#: 11943 5 Sessions M,T,W,R,F
7/18–7/22 9 a.m.–3 p.m.
Ages 9–16

Joy of Art: Action Art

Make art through movement and art that moves. Rube Goldberg and Alexander Calder will be just two of our inspirations as we create art that moves and shakes. Jackson Pollack inspires us to move while we make art. Instructors: Anne LeVeque and Marty Milam

Course: YOU813
30 Hours
$200 + $60 fee = $260; Non-Md. residents add $25

Takoma Park/Silver Spring Campus
CRN#: 11945 5 Sessions M,T,W,R,F
8/1–8/5 9 a.m.–3 p.m.
Entering Grades 1–6

Joy of Art: Comics Camp

Create your own superhero and learn all about the origin and history of comics, otherwise known as serial art. Examine ancient Egyptian wall art, medieval tapestries, and other forms of serial art and how they influenced the 20th century phenomenon of comic books. Learn about web comics, manga, and other contemporary comic styles. Most importantly, we will MAKE comics! Instructors: Anne LeVeque and Marty Milam

Course: YOU809
30 Hours
$200 + $60 fee = $260; Non-Md. residents add $25

Takoma Park/Silver Spring Campus
CRN#: 42136 5 Sessions M,T,W,R,F
6/27–7/1 9 a.m.–3 p.m.
Ages 9–16

Joy of Art: Medieval Fantasy

Join us as we hunt the White Stag, fight fierce dragons, and search for the elusive Unicorn. European art of the Middle Ages will inspire us to make our own coats of arms, tapestries, tabards, veils, and royal crowns. Instructors: Anne LeVeque and Marty Milam

Course: YOU811
30 Hours
$200 + $60 fee = $260; Non-Md. residents add $25

Takoma Park/Silver Spring Campus
CRN#: 11943 5 Sessions M,T,W,R,F
7/18–7/22 9 a.m.–3 p.m.
Entering Grades 1–6
Joy of Art: World of Puppets
Learn about sock puppets, papier-mâché figures, and marionettes! Make a variety of puppets using different materials, and create a backdrop so we can put on a fun puppet show. Every culture and tradition has a form of puppets, and we will explore the world’s puppetry traditions. Instructors: Anne LeVeque and Marty Milam
Course: YOU812 30 Hours
$200 + $60 fee = $260; Non-Md. residents add $25
Takoma Park/Silver Spring Campus
CRN#: 11944  5 Sessions  M,T,W,R,F
7/25–7/29 9 a.m.–3 p.m.
Entering Grades 1–6

Paint-A-Rama
Come and make a splash in the art world while you learn drawing and painting basics, tricks, and techniques. Let your imagination fly and your creativity shine through as we experiment with watercolor and acrylic paints. We’ll create amazing realistic paintings, mosaics, and musical paintings! All you’ll need to bring is your enthusiasm and a smock. Instructor: Cynthia J. Smidt, BA Art History, BA Art Education, UMCP
Course: YOU499 15 Hours
$115 + $55 fee = $170; Non-Md. residents add $25
Rockville Campus
CRN#: 11740  5 Sessions  M,T,W,R,F
7/25–7/29 9 a.m.–12 p.m.
Grades 3–5

Who’s Your Dada? – Early 20th century art will inspire us to create works of ‘found art’ and surreal visions. We’ll paint, sculpt, and draw strange and beautiful things, while we learn about artists like Duchamp, Ernst, Dali, and Magritte. Instructors: Anne LeVeque and Marty Milam
Course: YOU810 30 Hours
$200 + $60 fee = $260; Non-Md. residents add $25
Takoma Park/Silver Spring Campus
CRN#: 11941  5 Sessions  M,T,W,R,F
7/11–7/15 9 a.m.–3 p.m.
Entering Grades 1–6

Painting with Acrylic
Join us to learn about classical and contemporary painting, techniques and concepts. Develop an understanding of its formal language and the fundamentals of artistic expression. Learn to paint from still-life, landscape, and life models from observation. Create abstract and pop art works, and explore color theory, linear perspective, compositional structure, figure/ground relationships, visual perception, and spatial concepts. Analyze major painting styles and movements based on painting techniques. Experience personal growth and enhanced creativity while improving your critical thinking skills. Instructor: Malina Owens
Course: YOU743 60 Hours
$250 + $55 fee = $305; Non-Md. residents add $25
Rockville Campus
CRN#: 11872  10 Sessions  M,T,W,R,F
7/18–7/29 9 a.m.–3 p.m.
Grades 6–8

Magic of Line Drawing
Learn the basic concepts of line drawing while working with still life objects. Gain confidence using a variety of materials. Explore techniques of form, shape, and perspective using angle and curve lines. Develop contour and continuous contour to free line blind contour that gives tone and structure to still life objects. Instructor: Marynell Curtis
Course: YOU728 15 Hours
$160 + $50 fee = $210; Non-Md. residents add $25
Rockville Campus
CRN#: 11741  5 Sessions  M,T,W,R,F
7/11–7/15 1–4 p.m.
Grades 6–8
Painting with Watercolors

Join us to learn all about classical and contemporary painting, techniques and concepts, with an emphasis on the understanding its formal language and the fundamentals of artistic expression. Paint still-life, landscape, and life models from observation with a focus towards realism, contrasted by the exploration and creation of abstract works. Color theory, linear perspective, compositional structure, figure/ground relationships, visual perception, spatial concepts, and critical thinking skills will all be addressed. Study and analyze major painting styles and movements based on painting techniques. Demonstrations, PowerPoint lectures, group and individual critiques will be given throughout the course. Watercolor is the medium for this class. The main emphasis will be placed on encouraging and nourishing personal growth and creativity. The number of artworks completed is based on the personal pace of the student artists. This is a great course for building your portfolio for magnet programs and college admissions. Instructor: Malina Owens

Course: YOU801
60 Hours
$265 + $55 fee = $320; Non-Md. residents add $25
Rockville Campus
CRN#: 11874 10 Sessions M,T,W,R,F
8/1–8/12 9 a.m.–3 p.m.
Grades 7–10

Spectacular Sculpture: Plaster, Clay, and Wire, Oh My!

If you like to experiment, this class is for you! Join us as we explore the stupendous world of sculpture and its many different forms! Learn to work with clay, wire, and plaster, just to name a few. Bring your imagination and a smock, and leave with your own precious works of art. Instructor: Cynthia J. Smidt, BA Art History, BA Art Education, UMCP

Course: YOU496
15 Hours
$120 + $60 fee = $180; Non-Md. residents add $25
Rockville Campus
CRN#: 11846 5 Sessions M,T,W,R,F
7/11–7/15 1–4 p.m.
Grades 6–R

Woodshop: Basics to Boxes

Master woodworking basics in three take-home projects: an elegant cutting board, a gift box, and an indestructible toolbox. Follow plans, measure, mark, cut, drill, shape, and finish with hand tools. Returning students create advanced projects! Offered in conjunction with FutureMakers.

Course: YOU678
15 Hours
$175 + $65 fee = $240; Non-Md. residents add $25
Rockville Campus
CRN#: 11574 5 Sessions M,T,W,R,F
8/1–8/5 1–4 p.m.
Entering Grades 4–6

Woodshop: Tools to Tables

Design and build a well-crafted table from plans you design. Safely and accurately measure, cut, join, and finish softwoods using hand tools. No prior experience required. Returning students build advanced projects! Offered in conjunction with FutureMakers.

Course: YOU677
15 Hours
$175 + $65 fee = $240; Non-Md. residents add $25
Rockville Campus
CRN#: 11573 5 Sessions M,T,W,R,F
8/1–8/5 9 a.m.–12 p.m.
Entering Grades 4–6

Young Artist Program

Using paint, colored pencils, crayons, tissue paper, inks, and other materials explore the principles and elements of design. Learn to use flexible rules and guidelines to add interest and uniqueness to your art work while developing your distinctive style. A playful line or unusual pattern can enhance your painting. Come ready to explore your compositions through line, movement, texture, tension, value, color, pattern, shape, contrast, harmony, repetition, gradation, and rhythm. Clay and bead work will also be featured in this workshop. Bring an old T-shirt as painting can be messy when having fun. Instructor: Myra Maslowsky

Course: SCH140
15 Hours
$150 + $50 fee = $200; Non-Md. residents add $25
Rockville Campus
CRN#: 11637 5 Sessions M,T,W,R,F
7/18–7/22 1–4 p.m.
Grades 3–6

CRN#: 11638 5 Sessions M,T,W,R,F
7/25–7/29 9 a.m.–12 p.m.
Grades 3–6
Baking "Boot Camp"
Move beyond the basics and stretch your baking repertoire to include things like biscuits, muffins, cupcakes, fruit tarts, and dessert sauces. Students will also learn measurements and equivalents, as well as basic techniques like folding, whisking, and rolling during this week. Offered in conjunction with Tiny Chefs.

Course: YOU805 15 Hours
$180 + $55 fee = $235; Non-Md. residents add $25
Rockville Campus
CRN#: 11916 5 Sessions M,T,W,R,F
7/11–7/15 9 a.m.–12 p.m.
Ages 7–9

Chopped!
Never have food challenge reality shows been so popular and Chopped! is a favorite here at Tiny and Gourmet Chefs! We like it so much we decided to base a whole week long camp on the concept. Our version has the added twist of focusing on different cuisines every day of camp. So, each day, you will be presented with a basket with 3 or 4 ingredients, which reflect these different cuisines—French, Italian, Mexican, Asian and “All-American”. Using those ingredients and working within those cuisines, you will be challenged to make mouthwatering specialties, traditional favorites and explore new ingredients, tastes and combinations. Offered in conjunction with Tiny Chefs.

Course: YOU808 15 Hours
$180 + $60 fee = $240; Non-Md. residents add $25
Rockville Campus
CRN#: 11918 5 Sessions M,T,W,R,F
7/25–7/29 9 a.m.–12 p.m.
Ages 10–12

Cooking it Up with Kids
Learn to use fractions and measurement concepts, vocabulary, and reading to perform a task and complete a set of directions for a recipe. Create a wonderful snack or meal without using an oven, while reinforcing math and reading concepts and strategies. Get a copy of each recipe made in class to take home and make again later. These recipes can be used as an after school snack or fun for the whole family to make together. Learn the proper way to handle food and utensils to keep safe. Note: There will be no use of raw foods or sharp objects in this class. Instructor: Terri Miller

Course: SCH984 27 Hours
$155 + $55 fee = $210; Non-Md. residents add $25
Rockville Campus
CRN#: 11684 9 Sessions M,T,W,R,F
6/27–7/8 1–4 p.m. No class 7/4
Grades 2–5

Cupcake Wars
Cupcakes are all the rage and it’s a trend that’s clearly here to stay! If you’ve ever been curious about how the pros make those cupcakes so precious and ornate, and if competition is your middle name, then this is the week for you! We’ll spend three days on cupcake basics-measuring, mixing, baking, and frosting, and then finish the week with two days of baking battle! Small teams will face off with one another to compete for the title of “Best Cupcake!” May the best cupcake win!
Offered in conjunction with Tiny Chefs.

Course: YOU807 15 Hours
$180 + $60 fee = $240; Non-Md. residents add $25
Rockville Campus
CRN#: 42121 5 Sessions M,T,W,R,F
6/27–7/1 9 a.m.–12 p.m.
Ages 10–12

Snack Attack
Push the limits on the snack concept and prepare a variety of wholesome, delicious, and unique nibbles. This is not your mother’s PB&J! Chefs will prepare a variety of bite-sized munchies like chicken salad cups, homemade granola bars, veggie nachos, roasted red pepper hummus with homemade pita chips, and more. No one will go hungry this week!
Offered in conjunction with Tiny Chefs.

Course: YOU806 15 Hours
$180 + $60 fee = $240; Non-Md. residents add $25
Rockville Campus
CRN#: 11917 5 Sessions M,T,W,R,F
8/1–8/5 9 a.m.–12 p.m.
Ages 7–9
**Circus Camp**

Step Right Up....Step Right Up...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.

Instructor: 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. Offered in conjunction with Michael Rosman’s Circus Camp Stars.

*Sneakers and comfortable clothing required.*

**Course: YOU386**

30 Hours  
$210 + $60 fee = $270; Non-Md. residents add $25  
**Rockville Campus**

CRN#: 11567  
5 Sessions  
M,T,W,R,F  
8/1–8/5  
9 a.m.–3 p.m.  
*Ages 9–14*

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**Everyone’s a Star**

Experience firsthand what it’s like to work with a team to put on a play that’s fun and educational at the same time. Go through auditioning, rehearsing, creating costumes, putting on makeup, gathering props, building sets and, finally, performing—all within the boundaries of fun and direction. Each student gets an on-stage part, and is part of the performance process. Fun guaranteed! ACTORS: Please dress comfortably for each rehearsal; wear shoes that have backs (for safety); and bring a small, healthy snack (ex. fruit or pretzels) and a water bottle with your name on it.

Instructor: Natalie Blank  
**Course: SCH965**

30 Hours  
$140 + $50 fee = $190; Non-Md. residents add $25  
**Rockville Campus**

CRN#: 11685  
10 Sessions  
M,T,W,R,F  
7/11–7/22  
1–4 p.m.  
*Grades 5–8*

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**Introductory Theater**

Have you ever been to a movie and thought: I want to act! Or have you ever wanted to write? Well, here is your chance! Introductory Theater is designed to teach you basic acting techniques. Join us to learn basic skills related to acting and playwriting—including voice, movement, characterization, and improvisation techniques. Learn how to work as an ensemble as you perform in your very own play! So, if you have thought about learning to act, this is the class for you! Instructor: Stacey Brooks

**Course: YOU701**

30 Hours  
$215 + $50 fee = $265; Non-Md. residents add $25  
**Rockville Campus**

CRN#: 11697  
10 Sessions  
M,T,W,R,F  
7/11–7/22  
1–4 p.m.  
*Grades 6–8*

CRN#: 11698  
10 Sessions  
M,T,W,R,F  
7/25–8/5  
1–4 p.m.  
*Grades 6–8*

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**Theatre Arts and Design**

Have you ever seen a play and wondered how that amazing set was built? How those costumes were put together? How they made the makeup look so real? Have you ever wanted to try creating those things for yourself? Then, look no further! This course is designed for you! Explore the theatre arts and learn the basics of costumes, makeup, and scenery. Work on individual and group projects such as designing costumes for a play of your choice, putting on stage makeup, and drawing three-dimensional sets. A brief history of theatre will be given and you will be encouraged to develop both your skills and imagination. Instructor: Natalie Blank

**Course: YOU049**

15 Hours  
$125 + $55 fee = $180; Non-Md. residents add $25  
**Rockville Campus**

CRN#: 11694  
5 Sessions  
M,T,W,R,F  
8/8–8/12  
1–4 p.m.  
*Grades 5–8*
Whose Line Is It Anyway?

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. Actors will end the week with a “Whose Line Is It Anyway?” performance (based off the popular TV show) to showcase their new skills for family and friends. Instructor: Natalie Blank

Course: YOU388  15 Hours
$130 + $50 fee = $180; Non-Md. residents add $25
Rockville Campus
CRN#: 11690  5 Sessions  M,T,W,R,F
8/15–8/19  9 a.m.–12 p.m.
Grades 3–5

CRN#: 11691  5 Sessions  M,T,W,R,F
8/15–8/19  1–4 p.m.
Grades 6–8

Confidence Builder

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 mediation alongside the instructor, Natalie Blank, a certified personal trainer, dance teacher, and CrossFit coach, who will motivate you to keep your chin up, girl!

Instructor: Natalie Blank

Course: YOU476  15 Hours
$130 + $45 fee = $175; Non-Md. residents add $25
Rockville Campus
CRN#: 11706  5 Sessions  M,T,W,R,F
8/8–8/12  9 a.m.–12 p.m.
Grades 6–8

Etiquette and Character Education Enrichment

The middle grades can be a time of awkwardness and curiosity. This hands-on, fun and exciting program gives girls the information and practice needed to push through these years and be prepared for the events high school will bring. Learn how to greet and introduce people, properly shake hands, maintain confident posture, dress appropriately for various occasions, show respect and courtesy to other people, communicate appropriately via phone, text, and social media, be a good sport, improve dining skills, and more! Offered in conjunction with The Etiquette School of Maryland.

Course: YOU731  10 Hours
$200 + $55 fee = $255; Non-Md. residents add $25
Rockville Campus
CRN#: 41986  5 Sessions  M,T,W,R,F
6/27–7/1  1–3 p.m.
Grades 3–5

CRN#: 11644  5 Sessions  M,T,W,R,F
7/11–7/15  1–3 p.m.
Grades 6–9 (Boys Only)

CRN#: 11643  5 Sessions  M,T,W,R,F
8/8–8/12  1–3 p.m.
Grades 6–9 (Girls Only)

It's Up for Debate

Learn the many skills and procedures for holding an orderly and lively debate. Learn to conduct research that will help you to present an informed argument. Learn how to properly support and defend a point of view. View an argument from all sides, not merely from a single perspective. Practice public speaking and learn to work successfully in a group environment. Instructor: Kraig Bauer

Course: YOU590  30 Hours
$190 + $50 fee = $240; Non-Md. residents add $25
Rockville Campus
CRN#: 11727  10 Sessions  M,T,W,R,F
7/11–7/22  9 a.m.–12 p.m.
Grades 6–8 GT
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, learn the regions of the brain and construct a model brain. Discover and test the functions of the five senses. Create optical illusions, learn the stages of sleep, and explore the meaning of dreams. Learn ways to improve your memory and discover techniques to train people and pets. It all happens here in “Psych: What It All Means.” Don’t miss it! Instructor: Jennifer Bauer

Course: YOU467  15 Hours
$145 + $45 fee = $190; Non-Md. residents add $25
Rockville Campus
CRN#: 11705  5 Sessions  M,T,W,R,F
7/25–7/29  9 a.m.–12 p.m.
Grades 5–9

Engineering and Robotics

Advanced Robotics—The Ultimate Experience
Build different robotic creatures, vehicles and robots, and then test them for speed, strength, and endurance. You will use tires, motors, gears, wires and controllers to move these robots across the floor. Make several trial runs, and then modify your designs to increase your robots performance. Test your robot in Sumo battles, tugs-of-war, and vehicle distance timings, etc. In this Advanced Robotics camp, your level of learning and creativity will produce some of the best “Free Building Robots.” Robots in this camp are not taken home. Offered in conjunction with Sciensational Workshops for Kids.

Course: YOU666  15 Hours
$160 + $65 fee = $225; Non-Md. residents add $25
Rockville Campus
CRN#: 11582  5 Sessions  M,T,W,R,F
7/18–7/22  9 a.m.–12 p.m.
Grades 6–9

Amazing 4 in 1 Robot
Build your own interchangeable robot to take home with four unique modes. It is truly a four-in-one motorized robot kit. Learn how the different gears work as you are building. You will build the Cricket—a joy on six legs; the Beast—a master of bi-pedal movement (You better not get in its way!); and the Trailer—the little engine that could move forward thanks to its motorized transmission. Finally, the best of all, Grandpa-Bot Robot. It has huge eyes and is everyone’s favorite bobble-headed, gear driven family member. Gain confidence, self-esteem, and celebrate as you are the architect that built it. Have fun, learn, and have hands on experience the Sciensational way! Offered in conjunction with Sciensational Workshop for Kids.

Course: YOU770  15 Hours
$160 + $65 fee = $225; Non-Md. residents add $25
Rockville Campus
CRN#: 11590  5 Sessions  M,T,W,R,F
7/18–7/22  1–4 p.m.
Grades 5–9

Arcade Invention Lab
Design and build electronics essentials - light, security and communication - using found and repurposed electronics, motors, LED’s, and maker materials. Explore soldering, take-aparts and electronics hacks. Offered in conjunction with FutureMakers.

Course: YOU765  15 Hours
$165 + $55 fee = $220; Non-Md. residents add $25
Rockville Campus
CRN#: 11588  5 Sessions  M,T,W,R,F
7/18–7/22  9 a.m.–12 p.m.
Grades 3–5

Circuit Fundamentals and Creation
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 you will explore just that. In this solder-free class, explore a multitude of different circuits using lights, sounds, sensors, radio waves and Boolean logic. Learn to use voltmeters, read and write electrical diagrams as well as build a working AM/FM radio to take home. Offered in conjunction with Goldsmith Education LLC.

Course: YOU790  15 Hours
$145 + $65 fee = $210; Non-Md. residents add $25
Rockville Campus
CRN#: 11681  5 Sessions  M,T,W,R,F
7/11–7/15  1–4 p.m.
Grades 7–11
Creative Design and Robotics
The world of the future belongs to…robots! In this cutting edge class, learn the fundamentals of motorized mechanisms, design principles, sensors, and sound activation. Separate fact from fantasy by designing and building prototypes of task oriented robots. Learn problem solving to improve how your robots function in a series of design challenges. Students will work in pairs or teams for most of the program. Offered in conjunction with Black Rocket.
Course: YOU378
15 Hours
$140 + $55 fee = $195; Non-Md. residents add $25
Rockville Campus
CRN#: 11620 5 Sessions M,T,W,R,F
7/18–7/22 9 a.m.–12 p.m.
Ages 11–14
CRN#: 11621 5 Sessions M,T,W,R,F
7/18–7/22 1–4 p.m.
Ages 8–10

Creative Engineering Workshop
Work with an advanced three dimensional construction kit that is yours to keep and take home. Design and build simple or complex models of a vehicle, a robot or buildings. You'll receive your own 3–volt geared motor to power up a moveable radar surveyor. Learn the many ways you can make your motor run. Hands-on is the only way, so prepare to build from directions, and from your own imagination! Offered in conjunction with Sciensational Workshops for Kids.
Course: YOU773
15 Hours
$160 + $65 fee = $225; Non-Md. residents add $25
Rockville Campus
CRN#: 11634 5 Sessions M,T,W,R,F
8/1–8/5 9 a.m.–12 p.m.
Ages 8–11

Electric Art & Engineering Studio
Dream, design and construct electrified kinetic sculptures, eccentric structures, and your own amazing advanced creations in our makerspace. Cut wood, vacuum form plastic, drill, slice foam, add motors and electronics! Perfect for artists, tinkerers and budding engineers. Offered in conjunction with FutureMakers.
Course: YOU766
15 Hours
$165 + $55 fee = $220; Non-Md. residents add $25
Rockville Campus
CRN#: 11589 5 Sessions M,T,W,R,F
7/25–7/29 1–4 p.m.
Grades 5–8

Electronic Lab
Learn about electronics in the best way possible by experimenting with and taking home your own Electronic Lab Kit. Learn to build a super race car engine sound, electric fan, motion detector, power microphone, trombone sounds, space war sounds, and so many more neat projects. This class is not just about building, you'll learn about direct current, what it is, and which materials conduct electricity. Learn what happens when you place batteries in series, and what resistors and capacitors do. Better yet—make your own battery. Make a mind reading game, a musical doorbell, and a lie detector. Control electronic currents by the clap of your hands, and much, much more. Yes, it is fun, hands-on, and educational. Students will be grouped by age. Offered in conjunction with Sciensational Workshops for Kids.
Course: YOU744
15 Hours
$160 + $65 fee = $225; Non-Md. residents add $25
Rockville Campus
CRN#: 11583 5 Sessions M,T,W,R,F
8/8–8/12 9 a.m.–12 p.m.
Ages 9–12

Elementary 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 their 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. Offered in conjunction with Goldsmith Education LLC.
Course: YOU787
15 Hours
$145 + $50 fee = $195; Non-Md. residents add $25
Rockville Campus
CRN#: 11674 5 Sessions M,T,W,R,F
7/25–7/29 9 a.m.–12 p.m.
Grades 3–5
CRN#: 42002 5 Sessions M,T,W,R,F
6/27–7/1 1–4 p.m.
Grades 3–5
Engineering FUNdamentals Using LEGO®
Power up your engineering skills with Play-Well TEKnologies and tens of thousands of LEGO®s! Apply real-world concepts in physics, engineering, and architecture through engineer-designed projects such as arch bridges, skyscrapers, motorized cars, and the Battletrack! Design and build as never before, and explore your craziest ideas in a supportive environment. An experienced instructor will challenge new and returning students to engineer at the next level. Offered in conjunction with Play-Well Teknologies.
Course: YOU698
15 Hours
$165 + $55 fee = $220; Non-Md. residents add $25
Rockville Campus
CRN#: 41964 5 Sessions M,T,W,R,F
6/27–7/1 1–4 p.m.
Ages 8–12
CRN#: 11575 5 Sessions M,T,W,R,F
7/11–7/15 1–4 p.m.
Ages 8–12

Engineering: An Introduction
Invention is the process of turning ideas and imagination into devices and systems. Innovation is the process of modifying an existing product or system to improve it. Learn to design, construct, test, and evaluate a model. Refine and modify your original ideas to perfect the model. Explore the steps involved in design, and experiment with the different sequences used to create design. Instructor: Ebony Glover
Course: YOU389
30 Hours
$185 + $55 fee = $240; Non-Md. residents add $25
Rockville Campus
CRN#: 11702 5 Sessions M,T,W,R,F
7/18–7/22 9 a.m.–3 p.m.
Grades 6–8 GT
CRN#: 11703 5 Sessions M,T,W,R,F
8/1–8/5 9 a.m.–3 p.m.
Grades 3–5 GT

Flying Machine Construction Lab
Design, build, and launch zipline racers, prop copters, glide and high powered air rockets! Use real hands-on engineering real tools and materials to take home four unique, high quality flying machines. Offered in conjunction with FutureMakers.
Course: YOU671
15 Hours
$150 + $60 fee = $210; Non-Md. residents add $25
Rockville Campus
CRN#: 11571 5 Sessions M,T,W,R,F
7/18–7/22 1–4 p.m.
Grades 1–3

Hovercraft—Design Your Own Vehicle—Egg Drop Car
Do you want to design and build things that you create- not just a model you purchase? Well this is the place for you. Build and keep an air powered Hovercraft that defies gravity. Once it’s up and moving, then using your creativity, control its direction. Build and take home your own car. Using materials provided, build a super car powered by more than one source of energy. This can be one crazy looking vehicle. Also build an Egg Drop Car—a gravity vehicle that can cushion a raw egg when dropped from a high height. Learn about laws of motion, energy, air pressure, friction, lift, speed and acceleration. You are never too young to learn and have fun in a Sciensational hands-on way. Offered in conjunction with Sciensational Workshops for Kids.
Course: YOU774
15 Hours
$160 + $65 fee = $225; Non-Md. residents add $25
Rockville Campus
CRN#: 11635 5 Sessions M,T,W,R,F
8/1–8/5 1–4 p.m.
Ages 7–10
Intermediate Engineering and Robotics

Engineering technology is a great way to introduce a budding young scientific mind to the future of a high-technology world! Work in teams to become technology experts. Concepts of force, measurement, construction, design and much more will be reinforced. You will be challenged to create unique machines using your knowledge of technology and design. Come learn how to do some amazing things with technology. Offered in conjunction with Goldsmith Education LLC.

Course: YOU788  15 Hours
$145 + $50 fee = $195; Non-Md. residents add $25
Rockville Campus
CRN#: 11678  5 Sessions  M,T,W,R,F
7/25–7/29   1–4 p.m.
Grades 6–8

Pre-Engineering FUNdamentals Using LEGO®

Let your imagination run wild with tens of thousands of LEGO®s! Build engineer-designed projects such as boats, bridges, mazes, and motorized cars and use special pieces to create your own unique design! Explore the endless creative possibilities of the LEGO® building system with the guidance of an experienced Play-Well instructor. This is an ideal way to prepare for the challenge of the Engineering FUNdamentals course. Offered in conjunction with Play-Well Teknologies.

Course: YOU706  15 Hours
$165 + $55 fee = $220; Non-Md. residents add $25
Rockville Campus
CRN#: 41965  5 Sessions  M,T,W,R,F
6/27–7/1   9 a.m.–12 p.m.
Ages 5–7
CRN#: 11580  5 Sessions  M,T,W,R,F
7/11–7/15  9 a.m.–12 p.m.
Ages 5–7

Red Hot Robots

Learn about the uses of robots in the world. Spend time playing with our super-cool, red-hot robots. Use your skills to build your very own working robot to take home to “live” with you. Topics you will explore during this fun five-day camp include robot concepts, robot basics, robot building, red-hot robots, and robotic science. These are only a sample of some of the activities that you will be doing each day. The topics will not necessarily follow this order, but each of these topics will be included at some point in the camp. Offered in conjunction with Mad Science of Washington.

Course: YOU217  24 Hours
$225 + $60 fee = $285; Non-Md. residents add $25
Germantown Campus
CRN#: 11566  4 Sessions  T,W,R,F
7/5–7/8   9 a.m.–3 p.m.
Grades 2–6

Robotics with NXT

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 NXT brick from LEGO®, you will control the robot using NXT programming language and software programming techniques. Experience the challenges of navigation, avoiding and climbing over obstacles, and moving objects. Offered in conjunction with Goldsmith Education LLC.

Course: YOU789  15 Hours
$145 + $50 fee = $195; Non-Md. residents add $25
Rockville Campus
CRN#: 11679  5 Sessions  M,T,W,R,F
7/11–7/15  9 a.m.–12 p.m.
Grades 6–8
CRN#: 11680  5 Sessions  M,T,W,R,F
8/8–8/12  9 a.m.–12 p.m.
Grades 6–8
Rockin’ Engineers

Construct, build, and propel yourself through this exciting hands-on STEM adventure! Explore engineering and architecture professions through roller coaster design and bridge construction while learning about Newton’s laws of motion, forces, and energy. Build your own geodesic dome, test the trajectory of a launching catapult, and observe an air powered rocket soar through the sky! Learn about architectural marvels from the Leaning Tower of Pisa to the tallest tower in Dubai then construct towers, life-size tipis, miniature greenhouses, and together stretch your understanding of what makes structures strong! Offered in conjunction with Big Learning.

Course: YOU784
15 Hours
$180 + $60 fee = $240; Non-Md. residents add $25
Rockville Campus
CRN#: 11657  5 Sessions  M,T,W,R,F
7/11–7/15  9 a.m.–12 p.m.
Grades 2–4
CRN#: 11658  5 Sessions  M,T,W,R,F
8/1–8/5  9 a.m.–12 p.m.
Grades 2–4

The Makerspace: Tools, Tech and Tinkering

The Makerspace is an essential tool- and material-based exploration lab for emerging tinkerers, inventors, artists and engineers ready to activate STEM thinking, design and fabrication skills! Cut, drill, fuse, form and shape cardboard, foam, wood, plastics and electronic components. Build big and small to complete a series of tool and material design challenges focusing on experimentation, exploration, free building and iteration. Offered in conjunction with FutureMakers.

Course: YOU763
15 Hours
$150 + $60 fee = $210; Non-Md. residents add $25
Rockville Campus
CRN#: 11586  5 Sessions  M,T,W,R,F
7/11–7/15  9 a.m.–12 p.m.
Grades 1–3

Vehicle Invention Lab

Design, fabricate, and race original wooden cars and self-propelled rolling vehicles! Use real hand tools and Makerspace materials in your take-home projects. Offered in conjunction with FutureMakers.

Course: YOU676
15 Hours
$150 + $60 fee = $210; Non-Md. residents add $25
Rockville Campus
CRN#: 11572  5 Sessions  M,T,W,R,F
7/25–7/29  9 a.m.–12 p.m.
Grades 1–3

Financial Literacy

Financial Fitne$$ for Teens

Have you ever wanted to buy an iPod, iPad, or a video game, but couldn’t afford it? Here is your chance to learn how to use your allowance wisely, buy the things you want, and still have money in the bank! Participate with your friends in many exciting activities, including financial bingo and Jeopardy. Play skill-building board games like Real-World Math which unlocks your goal-setting, savings, and money management skills. On the last day, show what you’ve learned by competing with your classmates in Team Financial Horse Race. Invest in this special program today and learn to manage your money like an expert. This dynamic program meets State and National Personal Finance Standards. Offered in conjunction with Youth Leadership Training Academy.

Course: YOU271
15 Hours
$165 + $60 fee = $225; Non-Md. residents add $25
Rockville Campus
CRN#: 11660  5 Sessions  M,T,W,R,F
8/1–8/5  9 a.m.–12 p.m.
Grades 6–8 GT

My Money MatterZ—I

Jump-start into lifelong financial responsibility! Boost yourself above most adults by discovering money smarts in this activity-packed class. Learn basic economics: how to make and spend money, how it works in the real world, and what it’s good for. Develop personal responsibility and practical knowledge while having fun with games, stories, and big ideas, like human capital and opportunity cost. Now is the best time to begin understanding money to create a lifetime of financial peace. Sign up now and bring your friends along too! This dynamic program meets State and National Personal Finance Standards. Offered in conjunction with Youth Leadership Training Academy.

Course: YOU281
15 Hours
$165 + $60 fee = $225; Non-Md. residents add $25
Rockville Campus
CRN#: 11662  5 Sessions  M,T,W,R,F
7/18–7/22  9 a.m.–12 p.m.
Grades 4–6 GT
Smart Money Counts—Financial Mapping for Your Future

Have you ever felt that the adult world is sometimes overwhelming and complicated? If so, this course is for you. It takes smart money management to confidently navigate through our complex world of consumerism, debt, credit, investments, and budgets. Now is a perfect time for you to develop the financial skills critical to mapping out a lifetime of financial independence. Join now and take advantage of this great opportunity! This program meets State and National Personal Finance Standards. Offered in conjunction with Youth Leadership Training Academy.

Course: YOU573
15 Hours
$170 + $60 fee = $230; Non-Md. residents add $25

Rockville Campus
CRN#: 11649  5 Sessions  M,T,W,R,F
7/25–7/29  9 a.m.–12 p.m.
Grades 9–12 GT

Germantown Campus
CRN#: 12216  5 Sessions  M,T,W,R,F
8/8–12  1–4 p.m.
Grades 9–12 GT

Smart Money for Savvy Teens I

Make your home in the world of investment and personal finance! You’ve heard that people make or lose millions in the stock market. Why and how? How do “individuals,” “bonds,” and “mutual funds” work? How can you use them to grow your money and secure your future? Explore these topics and more in a hands-on class designed to find the fun in financial fundamentals. Discover how sweet it is to taste the challenging, mystifying, exhilarating world of high stakes money. Don’t just sit there...sign up! This course meets State and National Personal Finance Standards. Offered in conjunction with Youth Leadership Training Academy.

Course: YOU279
15 Hours
$170 + $60 fee = $230; Non-Md. residents add $25

Rockville Campus
CRN#: 11661  5 Sessions  M,T,W,R,F
7/11–7/15  9 a.m.–12 p.m.
Grades 9–12 GT

Germantown Campus
CRN#: 12215  5 Sessions  M,T,W,R,F
8/15–8/19  1–4 p.m.
Grades 9–12 GT

Egyptian Dig—Buried Treasure Digs

Learn about Egyptian life and discover the amazing science of archaeology as you excavate using tools like real archaeologists. You will uncover ancient artifacts such as a scarab, a hieroglyphic tablet, an ankh symbol, and a jackal. The artifacts are yours to keep. Create one of two sand sculptures for display using wet sand, and make a pyramid as well as a sphinx. Let’s go back in time with a hands-on archaeological experience, and even take home a booklet! Offered in conjunction with Sciensational Workshops for Kids.

Course: YOU772
15 Hours
$160 + $65 fee = $225; Non-Md. residents add $25

Rockville Campus
CRN#: 11633  5 Sessions  M,T,W,R,F
7/25–7/29  1–4 p.m.
Ages 9–11

Greek Gods and Mythology

Explore the world of ancient Greek gods, goddesses, and mythology. Interact with the ancient stories the Greeks created to explain the world and humans. Compare and contrast the ancient world with our world today. Examine the beliefs and values of the ancient world and explore how these have changed over time. You will be able to use your own creativity as you discover the characteristics of the ancient Greek mythology and create your own myth for modern times. Instructor: Robyn Pincus

Course: YOU815
30 Hours
$180 + $55 fee = $235; Non-Md. residents add $25

Rockville Campus
CRN#: 42139  5 Sessions  M,T,W,R,F
6/27–7/1  9 a.m.–3 p.m.
Grades 6–8

CRN#: 11950  5 Sessions  M,T,W,R,F
7/18–7/22  9 a.m.–3 p.m.
Grades 9–10
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
15 Hours
$135 + $55 fee = $190; Non-Md. residents add $25
Rockville Campus
CRN#: 11578
7/25–7/29
5 Sessions M,T,W,R,F
Ages 11–14
CRN#: 11579
8/1–8/5
5 Sessions M,T,W,R,F
Ages 11–14

Dive Into Summer Writing
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: Anita Blank
Course: YOU792
12 Hours
$130 + $55 fee = $185; Non-Md. residents add $25
Rockville Campus
CRN#: 11683
4 Sessions T,W,R,F
7/5–7/8
9 a.m.–12 p.m.
Grades 1–3

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: Anita Blank
Course: SCH964
15 Hours
$100 + $55 fee = $155; Non-Md. residents add $25
Rockville Campus
CRN#: 42003
5 Sessions M,T,W,R,F
6/27–7/1
9 a.m.–12 p.m.
Grades 4–6

Explore the Magic of Reading, Writing, and Technology
Authors of children’s books often include hidden meanings, a mystery, amazing facts, or an interesting effect through art. Come explore these fascinating books by a variety of authors including Chris Van Alsburg, Eric Carle, and Mary Pope Osborne. Improve your reading and writing skills while adding a touch of technology to enhance your author study. Plus create your own 3D board game based on your favorite book! Instructor: Natalie Blank
Course: YOU689
15 Hours
$125 + $45 fee = $170; Non-Md. residents add $25
Rockville Campus
CRN#: 11699
5 Sessions M,T,W,R,F
8/1–8/5
1–4 p.m.
Ages 8–9
Intensive Creative Writing Workshop

Taught by an authentic, award winning author/illustrator who has published 17 titles, this Intensive Creative Writing Workshop is designed to introduce enthusiastic, self-motivated young writers to new concepts in writing which allow them to express themselves as creatively as possible. Learn new ideas about developing imagery, rhythm and voice from your own experiences and imagination. Above all, gain a lifetime love of writing as well as ways of viewing what you read from the perspectives of writers. You’ll focus on the genre of writing of your choice, and pursue and develop creative ideas through writing games, computer time and critiques. Prior to the class, you will be sent one of the author’s books as a jumping off point for questions and discussions. Discover how authors approach writing and what it takes to publish a book.

Instructor: Sallie Lowenstein has been publishing for more than 20 years and writing for most of her life. Her novels and picture books are illustrated, because she is also a fine artist with works in museums and private collections around the world. In addition to writing and illustrating, she designs and typesets books, runs ongoing private young writers workshops, and speaks about art and writing across the country.

Course: YOU057
30 Hours
$180 + $60 fee = $240; Non-Md. residents add $25
Rockville Campus
CRN#: 11692 5 Sessions M,T,W,R,F
7/25–7/29 9 a.m.–3 p.m.
Entering Grades 7–9 GT

CRN#: 11693 5 Sessions M,T,W,R,F
8/1–8/5 9 a.m.–3 p.m.
Entering Grades 7–9 GT

Junior Writing Institute

Do you want your child to develop or expand their love of writing while building greater confidence? Learn strategies and tricks to make writing fun and more creative? Explore all types of writing including narratives, fictional stories and poetic techniques. Learn to construct more complex sentences through the use of specific questioning. Word choice, including the use of adjectives and adverbs will be developed and strengthened along with the use of pictures and their surroundings to develop greater sensory word vocabulary. Interesting and new approaches to paragraph structure and development will also be taught. At the end of two weeks, you’ll go home with a portfolio of writing strategies and completed writing pieces! Instructors: Natalie Barna and Katie Sims, National Board Certified Teachers acknowledged as outstanding teachers of writing.

Course: YOU493
27 Hours
$245 + $55 fee = $300; Non-Md. residents add $25
Rockville Campus
CRN#: 11736 9 Sessions M,T,W,R,F
6/27–7/8 9 a.m.–12 p.m. No class 7/4
Entering Grades 2–3 GT

Master Your Presentations

Wow your classmates! Learn to write and present your speeches using the latest technology. Working individually and in small groups. Learn to inform, persuade, and entertain while mastering Microsoft PowerPoint, Publisher, and Inspiration software. Instructor: Anita Blank

Course: SCH740
15 Hours
$100 + $55 fee = $155; Non-Md. residents add $25
Rockville Campus
CRN#: 11675 5 Sessions M,T,W,R,F
7/18–7/22 9 a.m.–12 p.m.
Grades 3–5

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 own masterpiece. Instructor: Anita Blank

Course: SCH523
15 Hours
$110 + $50 fee = $160; Non-Md. residents add $25
Rockville Campus
CRN#: 11676 5 Sessions M,T,W,R,F
7/11–7/15 9 a.m.–12 p.m.
Grades 4–5
Mo Willems: Reading, Writing, and Art!
Jump into the world of Mo Willems! You’ll examine a variety of mentor texts including the Pigeon Series, Elephant and Piggie, and Knufflebunny! Learn to create your own story lines and books just like the author himself! Instructor: Lauren Day
Course: YOU762
15 Hours
$135 + $50 fee = $185; Non-Md. residents add $25

Rockville Campus
CRN#: 41967 5 Sessions M,T,W,R,F
6/27–7/1 1–4 p.m.
Grades 1–2

CRN#: 11581 5 Sessions M,T,W,R,F
8/1–8/5 1–4 p.m.
Grades 1–2

Poetry—Palooza!
Explore the world of poetry by discovering how other poets develop their writing and engaging in the process of writing your own poetry! Review and reinforce poetic devices by working with other students as you interact with published poetry. Each day, explore different types of poetry, such as Shakespearian sonnet, haiku, pantoum, acrostic, sestina, lyric, concrete poems, narrative poems, cinquain. Learn to focus on using multiple poetic devices as you create your own poems in the different forms of poetry. By the end of the session, you’ll be able to show off your poetic flare by creating your own book of poetry! Instructor: Robyn Pincus
Course: YOU816
15 Hours
$120 + $55 fee = $175; Non-Md. residents add $25

Rockville Campus
CRN#: 11951 5 Sessions M,T,W,R,F
7/11–7/15 9 a.m.–12 p.m.
Grades 7–9

CRN#: 11952 5 Sessions M,T,W,R,F
7/25–7/29 9 a.m.–12 p.m.
Grades 10–12

Reading Adventures
Travel to many exciting places through the magic of books. Reading, vocabulary, and comprehension skills will be increased through discussions, writing, and art projects. Come journey through the adventures of reading! Instructor: Natalie Blank
Course: SCH909
15 Hours
$120 + $50 fee = $170; Non-Md. residents add $25

Rockville Campus
CRN#: 11686 5 Sessions M,T,W,R,F
7/25–7/29 1–4 p.m.
Grades 1–3

Reading for the SAT/ACT
Prepare for the reading section of the SAT and ACT. Analyze typical SAT/ACT reading prompts and sample responses. Heighten your comfort with the testing situation, and enhance your confidence and speed in reading. Learn the common types of questions asked and how to best answer them. Add rhetorical strategies to your repertoire of reading skills and improve your understanding of Standard English usage through direct instruction and practice. Instructor: Kraig Bauer
Course: YOU729
15 Hours
$145 + $50 fee = $195; Non-Md. residents add $25

Rockville Campus
CRN#: 11696 5 Sessions M,T,W,R,F
7/25–7/29 9 a.m.–12 p.m.
Grades 9–12 GT

Reading Made Fun
This course is designed to help 1st and 2nd graders review grade level concepts by providing opportunities for students to strengthen basic reading skills and minimize summer reading loss. Using hands-on manipulatives, as well as a variety of other resources, learn appropriate print concepts, and strengthen phonological awareness and word analysis skills. Parents will be provided with resources to help students maintain grade level skills. Instructor: Jetheda Merritt
Course: YOU793
30 Hours
$145 + $50 fee = $195; Non-Md. residents add $25

Rockville Campus
CRN#: 11744 10 Sessions M,T,W,R,F
7/18–7/29 9 a.m.–12 p.m.
Grades 1–2

CRN#: 11745 10 Sessions M,T,W,R,F
8/1–8/12 9 a.m.–12 p.m.
Grades 1–2
Senior Writing Institute
Explore various forms of story structure, paragraph organization, figurative language, poetry, and idea development including the use of a personal writer’s notebook. Master strategies and techniques which will expand and enhance their writing pieces. Instructors: Natalie Barna and Katie Sims, National Board Certified Teachers acknowledged as outstanding teachers of writing.

Course: YOU494 27 Hours
$245 + $55 fee = $300; Non-Md. residents add $25

Rockville Campus
CRN#: 11737 9 Sessions M,T,W,R,F
6/27–7/8 1–4 p.m. No class 7/4

Entering Grades 4–5 GT

Writing Club
Do you want to be a better writer—or would you just like to write more? If keeping up with school assignments doesn’t give you enough time to develop your creative side, join “The Club.” If you don’t have the self-confidence it takes to be a more successful writer, join “The Club.” Here you will have many varied opportunities to compose pieces that are fun and that meet your interests. Your club-mates will provide informal feedback, and your instructor will offer one-on-one conferences at whatever level you find helpful. All writing will be done during the class. Please bring a drink and a healthful snack—no peanuts, please. Instructor: Geraldine Knasko Green

Course: YOU579 30 Hours
$225 + $50 fee = $275; Non-Md. residents add $25

Rockville Campus
CRN#: 11708 10 Sessions M,T,W,R,F
8/1–8/12 9 a.m.–12 p.m.

Grades 7–10

CRN#: 11707 10 Sessions M,T,W,R,F
8/1–8/12 1–4 p.m.

Grades 7–10

Mathematics

Adventures in Mathematics
This fun-filled basic math adventure boosts your basic math skills and confidence while you have fun. Learn math tricks, play games, explore online math games, and create palindromes with addition. See how simple strategies can help with basic facts and word problems. Learn tricks to help you memorize those pesky multiplication facts. Instructor: Terri Miller

Course: YOU723 27 Hours
$150 + $50 fee = $200; Non-Md. residents add $25

Rockville Campus
CRN#: 11695 9 Sessions M,T,W,R,F
6/27–7/8 9 a.m.–12 p.m. No class 7/4

Ages 8–9

Algebra I
For students who will take Algebra I in the upcoming school year. Topics covered include exponents and radicals, linear equations and inequalities, ratio and proportion, systems of linear equations, factoring quadratics, completing the square, and the quadratic formula. Instructors:

Germantown Campus: Instructor: Liqiu Yang
Rockville Campus: Instructor: Zenia Yang
Takoma Park/Silver Spring Campus: Instructor: Liqiu Yang

Course: SCH094 10 Hours
$200 + $40 fee = $240; Non-Md. residents add $25

Germantown Campus
CRN#: 42024 5 Sessions M,T,W,R,F
6/27–7/1 10:45 a.m.–12:45 p.m.

CRN#: 11761 5 Sessions M,T,W,R,F
8/15–8/19 10:45 a.m.–12:45 p.m.

Rockville Campus
CRN#: 42023 5 Sessions M,T,W,R,F
6/27–7/1 10:45 a.m.–12:45 p.m.

CRN#: 11756 5 Sessions M,T,W,R,F
7/18–7/22 10:45 a.m.–12:45 p.m.

CRN#: 11758 5 Sessions M,T,W,R,F
8/1–8/5 10:45 a.m.–12:45 p.m.

CRN#: 11760 5 Sessions M,T,W,R,F
8/15–8/19 10:45 a.m.–12:45 p.m.

Takoma Park/Silver Spring Campus
CRN#: 11757 5 Sessions M,T,W,R,F
7/18–7/22 10:45 a.m.–12:45 p.m.

CRN#: 11759 5 Sessions M,T,W,R,F
8/1–8/5 10:45 a.m.–12:45 p.m.
Algebra II Grades 7–11 GT
For students who will take Algebra II, Algebra II with Analysis, or IB AAF in the upcoming school year. Topics include linear equations, systems of equations, quadratics, clever factorizations, complex numbers, graphing, functions, sequences and series, special functions, exponents and logarithms. Prerequisite: Algebra I. Instructors:
Germantown Campus: Instructor: Liqiu Yang
Rockville Campus: Instructor: Zenia Yang
Takoma Park/Silver Spring Campus: Instructor: Liqiu Yang
Course: SCH096 10 Hours
$200 + $40 fee = $240; Non-Md. residents add $25

Germantown Campus
CRN#: 42028 5 Sessions M,T,W,R,F
6/27–7/1 3:45–5:45 p.m.

CRN#: 11773 5 Sessions M,T,W,R,F
7/11–7/15 3:45–5:45 p.m.

CRN#: 11781 5 Sessions M,T,W,R,F
8/8–8/12 3:45–5:45 p.m.

CRN#: 11783 5 Sessions M,T,W,R,F
8/15–8/19 3:45–5:45 p.m.

Rockville Campus
CRN#: 42027 5 Sessions M,T,W,R,F
6/27–7/1 3:45–5:45 p.m.

CRN#: 11772 5 Sessions M,T,W,R,F
7/11–7/15 3:45–5:45 p.m.

CRN#: 11774 5 Sessions M,T,W,R,F
7/18–7/22 3:45–5:45 p.m.

CRN#: 11776 5 Sessions M,T,W,R,F
7/25–7/29 3:45–5:45 p.m.

CRN#: 11778 5 Sessions M,T,W,R,F
8/1–8/5 3:45–5:45 p.m.

CRN#: 11780 5 Sessions M,T,W,R,F
8/8–8/12 3:45–5:45 p.m.

CRN#: 11782 5 Sessions M,T,W,R,F
8/15–8/19 3:45–5:45 p.m.

Takoma Park/Silver Spring Campus
CRN#: 11775 5 Sessions M,T,W,R,F
7/18–7/22 3:45–5:45 p.m.

CRN#: 11777 5 Sessions M,T,W,R,F
7/25–7/29 3:45–5:45 p.m.

CRN#: 11779 5 Sessions M,T,W,R,F
8/1–8/5 3:45–5:45 p.m.

Calculus Grades 9–12 GT
For students who will take AP Calculus (AB or BC) in the upcoming school year. Topics covered include continuity, limits, derivatives of functions, and their applications. Prerequisite: Pre-Calculus. Instructors:
Germantown Campus: Instructor: Liqiu Yang
Rockville Campus: Instructor: Zenia Yang
Takoma Park/Silver Spring Campus: Instructor: Liqiu Yang
Course: SCH098 10 Hours
$200 + $40 fee = $240; Non-Md. residents add $25

Germantown Campus
CRN#: 11790 5 Sessions M,T,W,R,F
7/11–7/15 8:30–10:30 a.m.

CRN#: 11794 5 Sessions M,T,W,R,F
8/8–8/12 8:30–10:30 a.m.

Rockville Campus
CRN#: 11791 5 Sessions M,T,W,R,F
7/11–7/15 8:30–10:30 a.m.

CRN#: 11792 5 Sessions M,T,W,R,F
7/25–7/29 8:30–10:30 a.m.

CRN#: 11795 5 Sessions M,T,W,R,F
8/8–8/12 8:30–10:30 a.m.

Takoma Park/Silver Spring Campus
CRN#: 11793 5 Sessions M,T,W,R,F
7/25–7/29 8:30–10:30 a.m.

SAT and ACT Prep
Get Prepared Get Motivated Get Results
Instructor-led, interactive classroom programs that will help you raise your score. Strengthen your test taking skills so that you can get a score that truly reflects your ability. You will receive weekly practice with real, timed SAT or ACT tests.
$335.00 for Maryland residents; Non-Md residents add $160.00
www.montgomerycollege.edu/wdce/satprep.html
240-567-5188
**Geometry** Grades 6–10 GT

For students who will take geometry or honors 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. Instructors:

_Germantown Campus:_ Instructor: Liqiu Yang  
_Rockville Campus:_ Instructor: Zenia Yang  
_Takoma Park/Silver Spring Campus:_ Instructor: Liqiu Yang

_Course:_ SCH095  
10 Hours  
$200 + $40 fee = $240; Non-Md. residents add $25

**Germantown Campus**

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**Rockville Campus**

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**Takoma Park/Silver Spring Campus**

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**Keys to Algebra Success**

Develop the skills needed to be successful in Algebra I, and learn test taking strategies for the HSA/PARCC assessment. Both are Maryland State high school graduation requirements. Learn such skills as how to solve equations, rules related to patterns and functions, evaluating expressions, and graphing. Develop problem solving and risk taking strategies needed to “attack” real world math situations. Instructor: Nicole Turner

_Course:_ YOU734  
27 Hours  
$165 + $50 fee = $215; Non-Md. residents add $25

**Rockville Campus**

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**Grades 7–9**

_Course:_ YOU733  
30 Hours  
$175 + $50 fee = $225; Non-Md. residents add $25

**Rockville Campus**

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**Grades 7–9**

**Mathematics in the Real World**

Learn the importance of using mathematics in the real world through the project based learning (PBL). Examine math and how it relates to the real world by learning about checking and savings accounts, how to write checks and balance a checkbook using a check ledger. Discuss the benefits of a savings and establishing a savings account. Complete two major projects, one completed by the whole class and the second one selected from two options offered. Write your reflections at the end of the projects, stating what was learned, your likes and dislikes, and your struggles. Instructor: Nicole Turner

_Course:_ YOU726  
30 Hours  
$185 + $55 fee = $240; Non-Md. residents add $25

**Rockville Campus**

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<td>7/18–7/29</td>
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Pre-Algebra  Grades 4–8
Topics covered include order of operations, decimals, fractions, percents, pattern, relations, and introduction to functions. Questions from Math Olympiads for Elementary and Middle Schools, MATHCOUNTS, and AMC 8 are also covered in class. Instructors:
Germantown Campus: Instructor: Liqiu Yang
Rockville Campus: Instructor: Zenia Yang
Takoma Park/Silver Spring Campus: Instructor: Liqiu Yang
Course: SCH001  10 Hours
$200 + $40 fee = $240; Non-Md. residents add $25
Germantown Campus
CRN#: 11755  5 Sessions  M,T,W,R,F
8/15–8/19  8:30–10:30 a.m.
CRN#: 42021  5 Sessions  M,T,W,R,F
6/27–7/1  8:30–10:30 a.m.
Rockville Campus
CRN#: 42022  5 Sessions  M,T,W,R,F
6/27–7/1  8:30–10:30 a.m.
CRN#: 11750  5 Sessions  M,T,W,R,F
7/18–7/22  8:30–10:30 a.m.
CRN#: 11752  5 Sessions  M,T,W,R,F
8/1–8/5  8:30–10:30 a.m.
CRN#: 11754  5 Sessions  M,T,W,R,F
8/15–8/19  8:30–10:30 a.m.
Takoma Park/Silver Spring Campus
CRN#: 11751  5 Sessions  M,T,W,R,F
7/18–7/22  8:30–10:30 a.m.
CRN#: 11753  5 Sessions  M,T,W,R,F
8/1–8/5  8:30–10:30 a.m.

Pre-Calculus  Grades 8–11 GT
For students who will take Pre-Calculus, honors Pre-Calculus, IB Pre-Calculus, or IB Math Studies. Topics covered include trigonometry, vectors, sequences, and series. Prerequisite: Algebra II. Instructors:
Germantown Campus: Instructor: Liqiu Yang
Rockville Campus: Instructor: Zenia Yang
Takoma Park/Silver Spring Campus: Instructor: Liqiu Yang
Course: SCH097  10 Hours
$200 + $40 fee = $240; Non-Md. residents add $25
Germantown Campus
CRN#: 11785  5 Sessions  M,T,W,R,F
7/11–7/15  10:45 a.m.–12:45 p.m.
CRN#: 11789  5 Sessions  M,T,W,R,F
8/8–8/12  10:45 a.m.–12:45 p.m.
Rockville Campus
CRN#: 11784  5 Sessions  M,T,W,R,F
7/11–7/15  10:45 a.m.–12:45 p.m.
CRN#: 11786  5 Sessions  M,T,W,R,F
7/25–7/29  10:45 a.m.–12:45 p.m.
CRN#: 11788  5 Sessions  M,T,W,R,F
8/8–8/12  10:45 a.m.–12:45 p.m.
Takoma Park/Silver Spring Campus
CRN#: 11787  5 Sessions  M,T,W,R,F
7/25–7/29  10:45 a.m.–12:45 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!
Visit us on online and check out all the classes. http://cms.montgomerycollege.edu/wdce/nconlinecourses.html

Music
Strings Summer Camp for Young Musicians—Junior Level
The Strings Summer Camp for Young Musicians- Junior Level will enhance students’ musicianship and technical ability through chamber music, coaching sessions, master classes, and daily recitals. In addition, the camp will include ensemble practice with faculty and orchestra rehearsals with Maestro Jorge Orozco. Musicians will also experience music history and theory through hands-on sessions. The camp will end with a concert open to the public on Friday, July 1, 2016 at 3:30 p.m., and will also have an honor recital in which selected students will perform with a pianist.

Note: Music History content will be different from prior editions. Camp faculty: Jorge Orozco, Maria Montano, Pablo Saelzer, Seth Castleton, Jamie Chimchiria, and Vasily Popov. Required: Participants must have taken private lessons for at least three years for violins and at least two years for viola,
cello, and bass. All musicians should be able to read music. All participants should bring their own bag lunch and snacks (refrigeration is not available).

Course: YOU803 32.5 Hours
$340 + $60 fee = $400; Non-Md. residents add $25
Rockville Campus
CRN#: 42119 5 Sessions  M,T,W,R,F
6/27–7/1  9 a.m.–3:30 p.m.

Strings Summer Camp for Young Musicians—Senior Level
The Strings Summer Camp for Young Musicians will enhance students’ musicianship and technical ability through chamber music coaching sessions, master classes, and daily recitals. In addition, the camp will include ensemble practice with faculty and orchestra rehearsals with Maestro Pablo Saelzer. Musicians will also experience music history and theory through hands-on sessions. The camp will end with a concert open to the public on Friday, July 1, 2016, and will also have an honor recital in which selected students will perform with a pianist. This year we will also hold a concerto competition for all participants. The winner will perform as a soloist in the Friday 3:30 p.m. concert, open to the public. Details for this competition will be posted on our website: stringsavenue.com.

Note: Music History content will be different from prior editions. Camp faculty: Jorge Orozco, Maria Montano, Pablo Saelzer, Seth Castleton, and Jamie Chimchirian, and Vasily Popov. Required: Participants must have taken private lessons for at least five years for violins and at least four years for viola, cello, and bass. All musicians should be able to read music well.

All participants should bring their own bag lunch and snacks (refrigeration is not available).

Course: YOU804 32.5 Hours
$340 + $60 fee = $400; Non-Md. residents add $25
Rockville Campus
CRN#: 42120 5 Sessions  M,T,W,R,F
6/27–7/1  9 a.m.–3:30 p.m.

Entering Grades 6–9

School Study Skills and College Readiness

Advanced Placement Readiness
Prepare for taking Advanced Placement courses. Analyze articles, essay prompts, and sample responses, and heighten your comfort with the testing situation. Learn to support your opinions using text and data. Using logical thinking, enhance your awareness of the structure of your arguments and avoid fallacies in reasoning. 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. Instructor: Jennifer Bauer

Course: YOU466 15 Hours
$150 + $50 fee = $200; Non-Md. residents add $25
Rockville Campus
CRN#: 11704 5 Sessions  M,T,W,R,F
7/18–7/22  9 a.m.–12 p.m.

Grades 9–11 GT

Aggressive Learning for High School Athletes
Learn how to stay ON your team and OFF the ineligibility list...So you made the team! That’s great! This year is going to be a breakout season for you except you may not be academically eligible. Your coach, parents, teachers, and peers are expecting you to start next season but you struggle academically during the off season. Maybe you aren’t struggling to be academically eligible but you are thinking about playing sports in college. Any of this sounds familiar? If you answered yes then you should sign up for this class and learn how to learn. In addition, find out how study skills can help you in college. Instructor: Don Milner

Course: YOU683 5 Hours
$100 + $60 fee = $160; Non-Md. residents add $25
Rockville Campus
CRN#: 41988 5 Sessions  M,T,W,R,F
6/27–7/1  8–9 a.m.

Athletes in Grades 9–12

Course: YOU684 10 Hours
$200 + $65 fee = $265; Non-Md. residents add $25
Rockville Campus
CRN#: 11650 10 Sessions  M,T,W,R,F
8/1–8/12  8–9 a.m.

Athletes in Grades 9–12
Aggressive Learning I for High School Students

Are you a successful high school student? Are you afraid of feeling overwhelmed with the amount of homework in high school? You study hard but you don’t make the grades that you achieved in middle school? If you are experiencing this type of frustration, you should take this course. Learn strategies from an IRT and Team Leader. Learn how to better manage your time, trick your teachers, and work smarter. You are already working hard—now learn how to study efficiently and experience success. Don’t fail simply because you’re transitioning into high school. Instructor: Don Milner
Course: SCH977
30 Hours
$210 + $65 fee = $275; Non-Md. residents add $25
Rockville Campus
CRN#: 11664
10 Sessions
M,T,W,R,F
8/1–8/12
9 a.m.–12 p.m.
Grades 9–12

Aggressive Learning II for High School Students

This course is specially designed for students who have had, or are currently enrolled in, Aggressive Learning I. Learning objectives reinforce the study skills taught in Aggressive Learning I and give specific study strategies for each core content area, like science, math, social studies, English, and foreign language. Learn tried and true study strategies that help you improve your academic standing. Learn the science behind learning and what motivates you to learn new information. Instructor: Don Milner
Course: SCH979
30 Hours
$210 + $65 fee = $275; Non-Md. residents add $25
Rockville Campus
CRN#: 11665
10 Sessions
M,T,W,R,F
8/1–8/12
1–4 p.m.
Grades 9–12

Aggressive Learning I for Middle School Students

Are you a successful middle school student? Feeling overwhelmed with the amount of homework? You study hard and you still aren’t making the grades that you feel you can? If you are experiencing this type of frustration, take this course. Learn strategies from an IRT and Team Leader. Learn how to better manage your time and work smarter. You are already working hard! Learn how to study efficiently and experience success in middle school. Instructor: Don Milner
Course: SCH969
15 Hours
$235 + $45 fee = $280; Non-Md. residents add $25
Rockville Campus
CRN#: 41998
5 Sessions
M,T,W,R,F
6/27–7/1
9 a.m.–12 p.m.
Grades 6–8

Kindergarten Readiness

Get yourself ready for kindergarten! Review letters, sounds, counting, and beginning reading skills. Boost your readiness and enhance your skills with fun, hands-on activities. Daily classroom behavior will also be taught. KINDERGARTEN HERE WE COME! Instructor: Lauren Day
Course: YOU760
27 Hours
$145 + $50 fee = $195; Non-Md. residents add $25
Rockville Campus
CRN#: 11584
9 Sessions
M,T,W,R,F
6/27–7/8
9 a.m.–12 p.m.
No class 7/4
Entering Kindergarten

Course: YOU761
30 Hours
$150 + $50 fee = $200; Non-Md. residents add $25
Rockville Campus
CRN#: 11585
10 Sessions
M,T,W,R,F
8/1–8/12
9 a.m.–12 p.m.
Entering Kindergarten
Legal Eagles: Trial by Jury
Imagine for a moment you were going to determine whether or not someone is innocent or guilty. Take turns being a prosecutor, judge, and jury in this intriguing introduction to law and the court system. In 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: YOU703
15 Hours
$145 + $55 fee = $200; Non-Md. residents add $25
Rockville Campus
CRN#: 11576  5 Sessions  M,T,W,R,F
7/25–7/29  9 a.m.–12 p.m.
Ages 11–14

CRN#: 11577  5 Sessions  M,T,W,R,F
8/1–8/5  1–4 p.m.
Ages 11–14

SAT/ACT Writing: Multiple Choice and Essay Skills
Prepare for the multiple choice writing and essay sections of the SAT and ACT. Learn the writing skills tested by the SAT/ACT. Heighten your comfort with the testing situation. Analyze the new SAT/ACT 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. 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 direct instruction and practice. All of this to improve scores on the multiple choice and essay sections of both the SAT and ACT tests. Instructor: Jenn Bauer
Course: YOU798
27 Hours
$180 + $55 fee = $235; Non-Md. residents add $25
Rockville Campus
CRN#: 11847  9 Sessions  M,T,W,R,F
7/5–7/15  9 a.m.–12 p.m.
Grades 9–11 GT

SOS for High School Students
Learning good study habits now will lay the groundwork for successful work habits as an adult. SOS 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. Instructor: Don Milner
Course: YOU317
20 Hours
$210 + $65 fee = $275; Non-Md. residents add $25
Rockville Campus
CRN#: 11645  10 Sessions  M,T,W,R,F
7/18–7/29  5–7 p.m.
Grades 9–12

CRN#: 11646  10 Sessions  M,T,W,R,F
8/8–8/19  5–7 p.m.
Grades 9–12

SOS for Middle School Students
Learning good study habits now will lay the groundwork for successful work habits as an adult. SOS 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. Instructor: Don Milner
Course: YOU554
10 Hours
$200 + $65 fee = $265; Non-Md. residents add $25
Rockville Campus
CRN#: 11648  5 Sessions  M,T,W,R,F
8/1–8/5  5–7 p.m.
Grades 6–8

CRN#: 41987  5 Sessions  M,T,W,R,F
6/27–7/1  5–7 p.m.
Grades 6–8

Course: YOU319
18 Hours
$200 + $65 fee = $265; Non-Md. residents add $25
Rockville Campus
CRN#: 11647  9 Sessions  M,T,W,R,F
7/5–7/15  5–7 p.m.
Grades 6–8
Science

3-2-1 Blast-Off!
This action-packed week will focus solely on rockets and the physics of rocket flight. After learning the model rocket safety code, you will build a number of different rockets and participate in the launching, mission control, propulsion, and recovery of the rockets you build. Campers will be divided into three groups: altitude trackers, launch preparation, and launchers. Every camper will have an opportunity to try all three. Offered in conjunction with Mad Science of Washington.

Course: YOU114
30 Hours
$240 + $60 fee = $300; Non-Md. residents add $25

Germantown Campus
CRN#: 11556
5 Sessions
M,T,W,R,F
7/11–7/15
9 a.m.–3 p.m.
Grades 2–6

Architectural Design: An Introduction
Explore the design and construction of residential and commercial buildings. Review the historical aspects of civil engineering and architecture as well as current innovations being made in the industry today. This math and science based class aligns with the new federal education initiative of promoting S.T.E.M. (Science, Technology, Engineering, and Math) in today’s classrooms. This class is also a project-based course which allows you to become a problem solver and learn from others’ ideas. Students will apply these skills by using the REVIT Architecture program. This program is used today by architecture firms across the world. Instructor: Marcus Lee

Course: YOU694
30 Hours
$300 + $60 fee = $360; Non-Md. residents add $25

Rockville Campus
CRN#: 11722
10 Sessions
M,T,W,R,F
7/18–7/29
9 a.m.–12 p.m.
Grades 9–12 GT

Biotechnology and Diversity
Biotechnology and diversity of organisms go hand in hand. Biotechnology allows scientists to establish diversity. In recent times, biotechnology techniques have enabled crime solving, paternity testing, cloning of cells leading to reproduction without male gametes, production of insulin for diabetics, and growth factors. Learn to extract DNA and solve paternity puzzles using agarose gel electrophoresis/DNA fingerprinting. Solve other genetic problems and bone mysteries. Master microscope use and care and discover the various organisms that share our planet. Develop critical thinking as you study world cultures through video workshops. Instructor: Dr. Ijeoma Otigbou

Course: YOU341
35 Hours
$275 + $50 fee = $325; Non-Md. residents add $25

Takoma Park/Silver Spring Campus
CRN#: 42378
5 Sessions
M,T,W,R,F
6/27–7/1
9 a.m.–4 p.m.
Grades 5–9 GT

Chemistry Creations
Every kitchen has a fully stocked laboratory! Explore the magic of changing colors, liberating gases, and see how chemical reactions can identify unknowns. Compare exothermic and endothermic reactions, investigate capillary action through chromatography experiments, test various liquids for pH, and build a titration system for determining vitamin C. Discover the world of polymers and have fun with viscosity, solubility, and making home-made play putty in your own mini-lab. Offered in conjunction with Big Learning.

Course: YOU785
15 Hours
$180 + $60 fee = $240; Non-Md. residents add $25

Rockville Campus
CRN#: 11659
5 Sessions
M,T,W,R,F
7/25–7/29
1–4 p.m.
Grades 5–6

Montgomery College is offering 2 other exciting summer programs for kids!

Summer Biotechnology 2016 for Grades 9–12
6/20–6/24 • 9 a.m.–3 p.m. • Germantown Campus

YSEP: Young Science Explorers Program for Grades 6–8
7/25–7/29 or 8/1–8/5 • 9 a.m.–3 p.m. • Germantown Campus

For information regarding these two programs, please contact
Britney Green, Administrative Aide 240-567-7729 britney.green@montgomerycollege.edu
Mike Smith, Program Manager 240-567-7785 michael.smith@montgomerycollege.edu
Eureka! The Inventor’s Camp
Creative Contraction Warning! This is a camp designed for you—the Inventor! Overcome a series of challenges using basic materials, simple machines, tips from world famous inventors, and the most important thing of all: your mind. With a little bit of ingenuity you’ll construct catapults and forts and then lay siege, fabricate a winning egg drop design, construct a dancing robot, and assemble a working light saber to take home. While Thomas Edison said invention is 10% inspiration and 90% perspiration, this camp is 100% fun! Offered in conjunction with Mad Science of Washington.

Course: YOU450  30 Hours
$240 + $60 fee = $300; Non-Md. residents add $25

Rockville Campus
CRN#: 11568  5 Sessions  M,T,W,R,F
7/25–7/29  9 a.m.–3 p.m.
Grades 1–6

Harry Potter—Join Our Magical Mystery Tour
All aboard for lots of hands-on fun. Join in the escapades of Harry and his friends. Play quidditch, make an edible wand, and brew some fantastic potions to drink. Let’s create and watch some amazing chemical reactions. Watch a mirage appear (you won’t believe it!); find out where the sorting hat will place you; make cool crystals; experiment with colored magic sand; and see a mysterious glowing ball. Join us where the magic of science, art, and literature meet. Harry, Ron, and Hermione are waiting for your arrival! Offered in conjunction with Sciensational Workshops for Kids.

Course: YOU771  15 Hours
$160 + $65 fee = $225; Non-Md. residents add $25

Rockville Campus
CRN#: 11632  5 Sessions  M,T,W,R,F
7/25–7/29  9 a.m.–12 p.m.
Ages 7–11

Flight Academy
Calling all pilots! As a Mad Science flight cadet in training, you will discover how airplanes fly. Test your airplane’s performance in a wind tunnel. Build your own kite, stunt plane and model rocket. Ride the air on a Hovercraft. Discover how hot air balloons, blimps and parachutes work. Offered in conjunction with Mad Science of Washington.

Course: YOU681  30 Hours
$240 + $60 fee = $300; Non-Md. residents add $25

Rockville Campus
CRN#: 41963  5 Sessions  M,T,W,R,F
6/27–7/1  9 a.m.–3 p.m.
Grades 1–6

Forensic Fundamentals: Biology, Chemistry, and Crime
Mad Science introduces you to the foundations of forensics as you learn about organs, cells and chemistry! Discover how the science behind life can help you solve a crime. Discover the secrets behind batteries and design marshmallow molecules! Conduct electricity and power a Mad Science whirligig. Experience blood pumping through the heart and air moving through the lungs. Use ooey-gooey ingredients to build a model cell and use your own traits to decode and decipher your DNA. Finally, apply what you learn and apply some crime scene skills to solve a sticky crime! In conjunction with Mad Science of Washington.

Course: YOU758  30 Hours
$240 + $60 fee = $300; Non-Md. residents add $25

Rockville Campus
CRN#: 11569  5 Sessions  M,T,W,R,F
7/18–7/22  9 a.m.–3 p.m.
Grades 1–6

Knowledge College
Mad Science explores mysteries of earth, space, sports, secret codes, and the animal world. As a young astronauts, you will explore the mysteries of the solar system and learn how astronauts live and work in space. Use Morse code to send secret messages to your friends. Learn the basics about water pollution, acid rain, and the benefits of solar energy. Get in touch with nature by recycling your own garbage, make your very own paper to take home, and learn about what football players, scientists, and ballet dancers have in common. Offered in conjunction with Mad Science of Washington.

Course: YOU759  30 Hours
$240 + $60 fee = $300; Non-Md. residents add $25

Rockville Campus
CRN#: 11570  5 Sessions  M,T,W,R,F
7/11–7/15  9 a.m.–3 p.m.
Grades 1–6

Germantown Campus
CRN#: 41966  5 Sessions  M,T,W,R,F
6/27–7/1  9 a.m.–3 p.m.
Grades 1–6
Model Airplanes—Bridge Building—Electronic Gadgets

Build your own rubber-powered model airplane. Use your model as a learning tool in aerospace education, or just have fun building a sound airplane that actually flies when assembled. Design and build model bridges, and join in a bridge building contest to see which bridge can hold the most weight. Learn simple engineering skills, and build 6 electronic projects, including a patrol car siren, burglar alarm, and Morse code transmitter. Bring a little imagination and get ready to “Fly with Sciensational Workshops.” Offered in conjunction with Sciensational Workshops for Kids.

Course: YOU775  15 Hours
$160 + $65 fee = $225; Non-Md. residents add $25
Rockville Campus
CRN#: 11636  5 Sessions  M,T,W,R,F
8/8–8/12  1–4 p.m.
Ages 9–12

Science in Motion!

Discover how things move with science. Take apart pellets to see what an owl cannot digest! View the world through a camera obscura that you make yourself. Join a team of camper engineers and build bridges, domes, cubes, and pyramids. Assemble and control pulleys, levers, catapults, and simple machines. Make your own sidewalk chalk, crystal gardens, and chromatography dyed T-shirt. Offered in conjunction with Mad Science of Washington.

Course: YOU117  24 Hours
$225 + $60 fee = $285; Non-Md. residents add $25
Rockville Campus
CRN#: 11564  4 Sessions  T,W,R,F
7/5–7/8  9 a.m.–3 p.m.
Grades 1–6

Course: YOU116  30 Hours
$240 + $60 fee = $300; Non-Md. residents add $25
Takoma Park/Silver Spring Campus
CRN#: 11563  5 Sessions  M,T,W,R,F
7/18–7/22  9 a.m.–3 p.m.
Grades 1–6

Secret Agent Lab

Suspects! Schematics! and Sleuths! Connect the dots using science to help solve a crime in this hands-on investigation of the science of sleuthing. Uncover the science involved in evidence gathering and analysis and fingerprinting detection. Enhance your recall and observation skills and learn how to use spy equipment. Offered in conjunction with Mad Science of Washington.

Course: YOU216  30 Hours
$240 + $60 fee = $300; Non-Md. residents add $25
Takoma Park/Silver Spring Campus
CRN#: 11565  5 Sessions  M,T,W,R,F
7/25–7/29  9 a.m.–3 p.m.
Grades 1–6
JAMZ Basketball Camp
The Montgomery College JAMZ Basketball Camp stresses the fundamentals of all of the important aspects of the game: speed, agility, footwork, conditioning, offensive and defensive ball handling, shooting, passing, and dribbling. All levels of abilities are welcome. Preparation, dedication, hard work, teamwork, and sportsmanship will be stressed. Come join us for an exciting week of basketball, games, and fun.
Head Coach: James Fowlkes
Course: YOU814 15 Hours
$100 + $50 fee = $150; Non-Md. residents add $25
Rockville Campus
Grades 3–5
CRN#: 42137 5 Sessions M,T,W,R,F
6/27–7/1 9 a.m.–12 p.m.
CRN#: 11946 5 Sessions M,T,W,R,F
7/11–7/15 9 a.m.–12 p.m.
CRN#: 11947 5 Sessions M,T,W,R,F
8/15–8/19 9 a.m.–12 p.m.
Grades 6–8
CRN#: 42138 5 Sessions M,T,W,R,F
6/27–7/1 1–4 p.m.
CRN#: 11948 5 Sessions M,T,W,R,F
7/11–7/15 1–4 p.m.
CRN#: 11949 5 Sessions M,T,W,R,F
8/15–8/19 1–4 p.m.

Rockville Tennis Camp
Students will be taught fundamentals and strategies depending on their level of play. We will include tennis drills, games, and match play. Please dress comfortably with tennis shoes, hats, and sunscreen. Bring a tennis racket and a water bottle; balls will be provided. Some rackets are available for sale. Come to the tennis courts at the Rockville Campus prepared to learn tennis for a lifetime of fun. Students are grouped by age. All tennis classes will be taught by Montgomery College men’s and women’s tennis coach and USPTA pro Bob Finney, and his staff. For more information, call Bob at 202–680–3268 or e-mail at RFtennis4u2@yahoo.com.
Course: YOU614 15 Hours
$110 + $50 fee = $160; Non-Md. residents add $25
Rockville Campus
Ages 6–11
CRN#: 11718 5 Sessions M,T,W,R,F
7/11–7/15 9 a.m.–12 p.m.
CRN#: 11720 5 Sessions M,T,W,R,F
7/25–7/29 9 a.m.–12 p.m.
Ages 12–16
CRN#: 11719 5 Sessions M,T,W,R,F
7/18–7/22 9 a.m.–12 p.m.
CRN#: 11721 5 Sessions M,T,W,R,F
8/1–8/5 9 a.m.–12 p.m.

Technology
All About Technology
Fun, exciting and challenging activities await you as you are introduced to a variety of relevant technologies. Learn to build circuits as well as building and programming robotic devices. 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. Offered in conjunction with Goldsmith Education LLC.
Course: YOU786 15 Hours
$145 + $50 fee = $195; Non-Md. residents add $25
Rockville Campus
CRN#: 42006 5 Sessions M,T,W,R,F
6/27–7/1 9 a.m.–12 p.m.
Grades 2–4
App Adventures! The Next Level
Continue your quest to make the next viral app! Whether you want to move past the basic techniques learned in App Attack or want to jump right in, we are ready for you! Choose from a selection of different web-based (HTML5) mobile apps and explore more in-depth programming concepts. Student-created apps will be accessible on a Black Rocket site and can be played on any mobile device or computer. Publishing to App Stores not included. No prior experience is necessary and students do not need to own a smartphone or tablet to take the class. Students will work in pairs or teams for most of the program. Offered in conjunction with Black Rocket.

Course: YOU475
$140 + $55 fee = $195; Non-Md. residents add $25
Rockville Campus
CRN#: 11625 5 Sessions M,T,W,R,F
7/11–7/15 9 a.m.–12 p.m.
Ages 11–14

App Attack! Make Your First Game App
Take the first steps into the world of mobile app design and customize your own game app! Using a specialized game development tool, explore the world of web-based mobile apps. In addition to learning the basics of mobile app design and game development, you will also see firsthand how the world of apps publishing functions. Student-created apps will be accessible on a private site and can be played on any mobile device or computer. Publishing to App Stores not included. No prior experience is necessary and you do not need to own a smart phone or tablet to take the class. Students will work in pairs or teams for most of the program. Offered in conjunction with Black Rocket.

Course: YOU560
$140 + $55 fee = $195; Non-Md. residents add $25
Rockville Campus
CRN#: 11626 5 Sessions M,T,W,R,F
7/25–7/29 9 a.m.–12 p.m.
Ages 8–10

Code Breakers
Calling all future coders, programmers, & designers! Learn the basics of coding languages like HTML, JavaScript, and CSS through a series of web projects and daily design challenges and be on your way to becoming the next tech star! Whether you want to be the next Mark Zuckerberg or the high school student who just made one million dollars for programming in his bedroom, this course has the essentials you need to begin your journey. Projects will be available on a Black Rocket website to share with friends and family. Students will work in pairs or teams for most of the program. Offered in conjunction with Black Rocket.

Course: YOU658
$140 + $55 fee = $195; Non-Md. residents add $25
Rockville Campus
CRN#: 11639 5 Sessions M,T,W,R,F
8/8–8/12 9 a.m.–12 p.m.
Ages 8–10

Computer Animation with Macromedia Flash
Learn how to draw and animate using Adobe Flash CS6, a very popular web-based animation software. Learn about the tools of the trade for graphic and web designers. Get hands-on experience using top-of-the-line software to create frame-by-frame animations and “tweened” animations with sound and special effects. Learn basic animation concepts and procedures used by professional animators such as easing in, pose-to-pose animating, and straight-through animation. Learn about character design and illustration to create your own character in an animation. Instructor: John Overman

Course: YOU301
$145 + $50 fee = $195; Non-Md. residents add $25
Rockville Campus
CRN#: 11912 5 Sessions M,T,W,R,F
7/11–7/15 9 a.m.–12 p.m.
Grades 6–8 GT

CRN#: 42117 5 Sessions M,T,W,R,F
6/27–7/1 9 a.m.–12 p.m.
Grades 6–8 GT
Computer Programming I
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: YOU576 54 Hours
$400 + $60 fee = $460; Non-Md. residents add $25
Rockville Campus
CRN#: 11666 9 Sessions M,T,W,R,F
6/27–7/8 9 a.m.–3 p.m. No class 7/4
Grades 6–8

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 work with writing 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 60 Hours
$420 + $60 fee = $480; Non-Md. residents add $25
Rockville Campus
CRN#: 11717 10 Sessions M,T,W,R,F
7/11–7/22 9 a.m.–3 p.m.
Grades 6–8

Computer-Aided Drafting and Design (CADD) Using Autodesk Inventor
Learn to develop 3D solids, parts, and assemblies using Autodesk Inventor. Explore the basics of CADD as a replacement for drawing and designing with pencil and paper. Start by drawing, editing, and refining simple objects, and progress to highly complex three-dimensional, interactive models. Autodesk Inventor is the engineering and manufacturing software used by Montgomery County Public Schools for all engineering programs. Students will be using Autodesk Inventor to utilize the skills listed above. Instructor: Marcus Lee
Course: YOU802 27 Hours
$255 + $60 fee = $315; Non-Md. residents add $25
Rockville Campus
CRN#: 11915 9 Sessions M,T,W,R,F
7/11–7/22 9 a.m.–12 p.m.
Grades 8–11 GT

Digital Art with Photoshop
Learn painting and drawing techniques in Photoshop. Master digital image manipulations, retouching, applications of filters, and picture preparation for the web. Instructor: Anatol Woolf
Course: YOU484 15 Hours
$145 + $55 fee = $200; Non-Md. residents add $25
Rockville Campus
CRN#: 42008 5 Sessions M,T,W,R,F
6/27–7/1 9 a.m.–12 p.m.
Grades 7–10

Digital Fab Lab Camp
The Montgomery College Fab Lab is holding its annual Digital Fab Lab Summer Camp. Using the college’s state-of-the-art machine tools, explore 3D printing (with support material), laser cutting, vinyl cutting, and woodworking capabilities. Learn the proper and safe methods for using these tools to fabricate...“almost anything.” Use SolidWorks, CorelDraw, and Inkscape software to program your chosen objects and create them using several different materials, including wood, acrylics, vinyl and plastics. Join us and learn to bring your ideas to “life.” Prerequisites: Good math skills. Basic knowledge of computers. Instructor: David Carrington
Course: YOU739 30 Hours
$350 + $100 fee = $450; Non-Md. residents add $25
Rockville Campus
CRN#: 11742 5 Sessions M,T,W,R,F
7/18–7/22 9 a.m.–4 p.m.
Grades 6–8 GT

CRN#: 11743 5 Sessions M,T,W,R,F
7/25–7/29 9 a.m.–4 p.m.
Grades 9–12 GT
Digital Game Design and Creation

Learn to design your own interactive digital computer game using GameMaker software. Learn how gaming environments, sprites interactive actions are created to design your own game from concept to final product. Share your games with other students while playing new games and learning about the different types of games. Learn the basic principles of good game design while polishing your skills in computer imaging. Instructor: John Overman

Course: YOU181 15 Hours
$180 + $55 fee = $235; Non-Md. residents add $25
Rockville Campus
CRN#: 11867 5 Sessions M,T,W,R,F
7/11–7/15 1–4 p.m.
Grades 6–8 GT

Digital Photo Editing

Learn how to use PhotoShop for digital photo editing. Learn to modify and correct your photos using PhotoShop tools like eyedropper, blur and spot healing brush, etc. to edit digital images. Topics will include use of tools, layers, filters, photo color correction, and file formats. Work on several projects creating and editing images. No previous experience with PhotoShop is required. Instructor: Anatol Woolf

Course: YOU686 12 Hours
$180 + $50 fee = $230; Non-Md. residents add $25
Rockville Campus
CRN#: 11701 4 Sessions T,W,R,F
7/5–7/8 9 a.m.–12 p.m.
Grades 7–10

Digital Graphics Arts with Adobe Photoshop and Illustrator

Explore contemporary digital art techniques for creating prints and art for the web. Learn to use imaging tools and processes to create modern graphics, illustrations, and commercial/advertising art. An introduction to Adobe Photoshop CS6 and Adobe Illustrator CS6 will include layers, tools, and file formats. Learn to import and export files from devices like scanners and cameras and create original images. Students will leave with a printed portfolio of work. Instructor: John Overman

Course: YOU697 15 Hours
$185 + $50 fee = $240; Non-Md. residents add $25
Rockville Campus
CRN#: 42118 4 Sessions M,T,W,R,F
6/27–7/1 1–4 p.m.
Grades 6–8 GT

Digital Storytellers

From the Hunger Games to Harry Potter we all love a great story. Whether you want to rewrite the ending to Star Wars, add yourself to a Divergent tale, or create a new adventure about your friends—any topic is possible in this class! Start with a concept, design the storyboard, add some dialogue, and watch as the characters in your imagination come to life in your first graphic novel! Projects will be available on a Black Rocket website to share with friends and family. Students will work in pairs or teams for most of the program. Offered in conjunction with Black Rocket.

Course: YOU782 15 Hours
$140 + $55 fee = $195; Non-Md. residents add $25
Rockville Campus
CRN#: 11654 5 Sessions M,T,W,R,F
7/18–7/22 1–4 p.m.
Ages 11–14
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? Learn to take a working computer apart, examine the pieces, and put it back together! Will it still work? That is up to you! Find out why those disks are called “floppies” when they are hard. Also explore the evolution of personal computing and what tomorrow may hold for technology. Offered in conjunction with Goldsmith Education LLC.

Course: YOU791
15 Hours
$145 + $50 fee = $195; Non-Md. residents add $25
Rockville Campus
CRN#: 11682
5 Sessions M,T,W,R,F
8/8–8/12
1–4 p.m.
Grades 7–11

G2: Girl Gamers Club
Hang out with friends, have fun, and learn key S.T.E.M. skills in this one of a kind class! Candy Crush, Facebook, and Instagram were all built by people who understand the foundations of design and technology. In this class, learn the basic elements of 2D Game Design. Each day will have a tech challenge and a profile of the female stars of the tech world. Student games will be available on a Black Rocket website to share with friends and family. Games are only compatible on PC computers, Mac versions can be created after the program for $15.00 conversion fee. Students will work in pairs or teams for most of the program. Offered in conjunction with Black Rocket.

Course: YOU781
15 Hours
$140 + $55 fee = $195; Non-Md. residents add $25
Rockville Campus
CRN#: 11653
5 Sessions M,T,W,R,F
7/11–7/15
1–4 p.m.
Ages 8–10

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: Grades 9–12 AP students; Algebra skills. Basic knowledge of computers (starting programs, saving files). Interests in science and computing. Instructor: Stephen Sell

Course: YOU794
27 Hours
$350 + $50 fee = $400; Non-Md. residents add $25
Germantown Campus
CRN#: 11746
9 Sessions M,T,W,R,F
6/27–7/8
1–4 p.m.
No class 7/4
Grades 9–12 GT
Keyboarding 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.
Instructor: Janet Bergman
Course: SCH294 15 Hours
$100 + $50 fee = $150; Non-Md. residents add $25

Rockville Campus
CRN#: 41983  5 Sessions  M,T,W,R,F
6/27–7/1  9 a.m.–12 p.m.
Grades 3–4  Instructor: Janet Bergman
CRN#: 12190  5 Sessions  M,T,W,R,F
7/11–7/15  9 a.m.–12 p.m.
Grades 3–4  Instructor: Janet Bergman
CRN#: 12191  5 Sessions  M,T,W,R,F
7/18–7/22  9 a.m.–12 p.m.
Grades 3–4  Instructor: Jodi Mailman
CRN#: 11617  5 Sessions  M,T,W,R,F
7/25–7/29  9 a.m.–12 p.m.
Grades 7–9  Instructor: Janet Bergman
CRN#: 11618  5 Sessions  M,T,W,R,F
8/1–8/5  9 a.m.–12 p.m.
Grades 5–6  Instructor: Jodi Mailman
CRN#: 12193  5 Sessions  M,T,W,R,F
8/8–8/12  9 a.m.–12 p.m.
Grades 3–4  Instructor: Jodi Mailman

LEGO® Films and Stop Action!
Make your LEGO®s come to life! Bring in your favorite action figures or LEGO®s and create a short film with your friends. Whether you want to recreate a scene from Star Wars or design a world of your own, this class brings your dreams to the screen. Students will need to bring in LEGO®s or action figures from home, but all other equipment is provided. Student-created films will be available on a password-protected website to share with friends and family. Students will work in pairs or teams for most of the program.
Course: YOU379 15 Hours
$140 + $55 fee = $195; Non-Md. residents add $25

Rockville Campus
CRN#: 11622  5 Sessions  M,T,W,R,F
7/18–7/22  9 a.m.–12 p.m.
Ages 8–12

Make Your First 3D Video Game!
Try this new version of a Black Rocket classic! Learn to develop a game concept that goes well beyond the limitations of the traditional 2D game design classes. Learn the physics behind 3D games, explore beginner event scripting, level design, controlling flow of gameplay, and storytelling. Student-created games will be available on a password protected Black Rocket website to share with friends and family. Students will work in teams for most of the program. Offered in conjunction with Black Rocket.
Course: YOU563 12 Hours
$125 + $50 fee = $175; Non-Md. residents add $25

Rockville Campus
CRN#: 11629  4 Sessions  T,W,R,F
7/5–7/8  9 a.m.–12 p.m.
Ages 8–10
CRN#: 11628  4 Sessions  T,W,R,F
7/5–7/8  1–4 p.m.
Ages 11–14

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, challenge levels, graphics, sounds, and simple coding are just some of the concepts that you’ll explore. No prior experience necessary, just a desire to have fun. Student-created games will be available on a password-protected Black Rocket website to share with friends and family. Games are compatible on PC computers; Mac versions can be created after the program for a $15 conversion fee. Students will work in teams for most of the program. Offered in conjunction with Black Rocket.
Course: YOU384 15 Hours
$140 + $55 fee = $195; Non-Md. residents add $25

Rockville Campus
CRN#: 11623  5 Sessions  M,T,W,R,F
8/1–8/5  9 a.m.–12 p.m.
Ages 8–10
CRN#: 11624  5 Sessions  M,T,W,R,F
8/1–8/5  1–4 p.m.
Ages 11–14
### Maker Labs: Make Your First 3D Creation

Calling all boys and girls who want to be the designers of the future! In this class, if you can dream it you can make it—create your first action figure, design custom jewelry, or make a new toy! Using professional-level modeling software, kids will sculpt, texture, and render their own 3D creation. No prior experience is necessary and 3D designs will be available on a password protected website to share with friends and family. 3D printing is not included, but can be purchased separately through a 3rd party company. Students will work in pairs or teams for most of the program. Offered in conjunction with Black Rocket.

**Course:** YOU783  
15 Hours  
$140 + $55 fee = $195; Non-Md. residents add $25

**Rockville Campus**  
CRN#: 11655  
5 Sessions  
M,T,W,R,F  
7/25–7/29  
9 a.m.–12 p.m.  
*Ages 8–12*

CRN#: 11656  
5 Sessions  
M,T,W,R,F  
7/25–7/29  
1–4 p.m.  
*Ages 8–12*

### Making 3D Models

The game industry, world-wide, is now over a $100 billion strong, and continues to grow at a rate of 10% a year. The future looks very bright in the production of new game material. So do you want to be a game maker? Do you have any idea of what is involved in the production of games? Do you know if you have any of the skills needed? Here is your chance to find out. Learn the four elements of making a good game: 1) an idea, 2) a character, 3) programming to create behavior and movement, and 4) voices and sounds. Learn to work with some of these components to create objects and characters. Add some sound and maybe some motion. It would be good if you have had Algebra and are not afraid to sketch. Instructor: Calvin Edwards

**Course:** YOU192  
15 Hours  
$240 + $60 fee = $300; Non-Md. residents add $25

**Rockville Campus**  
CRN#: 11713  
5 Sessions  
M,T,W,R,F  
7/25–7/29  
1–4 p.m.  
*Grades 7–9 GT*

### MC Cybercamp

Come experience the fun of learning about the cybersecurity principles that are relevant and applicable to everyday life. Learn the importance of cyber safety and how to protect your personal devices and information from outside threats. Explore cybersecurity career opportunities, and discuss cyber ethics, online safety, how computers work, and cyber threats. On the last day, participate in a mock cyber defense competition. Don’t miss this exciting program. It’s an experience you won’t forget. Instructor: Joseph Roundy

**Course:** YOU797  
20 Hours  
$300 + $60 fee = $360; Non-Md. residents add $25

**Germantown Campus**  
CRN#: 11848  
5 Sessions  
M,T,W,R,F  
7/18–7/22  
9 a.m.–1 p.m.  
*Grades 7–12 GT*

### Minecraft Animators

Bring your favorite Minecraft characters to life in an animated short film! Learn how studios like Pixar and Disney make movies like *Inside Out* and *Frozen* using techniques like keyframing, tweening, texturing, and animating rigged 3D models! Student projects will be available on a Black Rocket website to share with friends and family. You do not need to own a Minecraft account to use the software in this class. Students will work in pairs or teams for most of the program. Offered in conjunction with Black Rocket.

**Course:** YOU780  
15 Hours  
$140 + $55 fee = $195; Non-Md. residents add $25

**Rockville Campus**  
CRN#: 11651  
5 Sessions  
M,T,W,R,F  
8/1–8/5  
9 a.m.–12 p.m.  
*Ages 11–14*

CRN#: 11652  
5 Sessions  
M,T,W,R,F  
8/1–8/5  
1–4 p.m.  
*Ages 8–10*
Minecraft Designers
If you love the game Minecraft, but always wanted to
design your own characters and buildings for your games,
then this class is for you! Learn the basics of creating 3D
modeling using a new software to design your very own
objects, create skins for characters and import them into
your favorite Minecraft games. To access your project at
home, you must own a PC/MAC version of Minecraft.
Tablet, phone, and game console versions of Minecraft are
not compatible. Parent e-mail address is required to use 3D
modeling software. Students will work in teams for most of
the program. Offered in conjunction with Black Rocket.
Course: YOU561
$140 + $55 fee = $195; Non-Md. residents add $25
Rockville Campus
CRN#: 41984 5 Sessions M,T,W,R,F
6/27–7/1 9 a.m.–12 p.m.
Ages 11–14
CRN#: 41985 5 Sessions M,T,W,R,F
6/27–7/1 1–4 p.m.
Ages 8–10

Python: A Practical Introduction to Programming
Learn to program with Python, an open-source,
contemporary programming language that is widely used
not only in colleges and high schools to teach introductory
programming, but also in 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: Grades 9–12 AP students; Algebra skills.
Basic knowledge of computers (starting programs, saving
files). Interests in science and computing. Instructor:
Stephen Sell
Course: YOU796
$350 + $50 fee = $400; Non-Md. residents add $25
Germantown Campus
CRN#: 11747 9 Sessions M,T,W,R,F
6/27–7/8 9 a.m.–12 p.m. No class 7/4
Grades 9–12 GT

Minecraft Modders
Use your favorite game to learn the basics of modding
and the foundations of programming. Learn scripting
and logic statements as you create your first mod!
Introductory coding will also be taught through a
simulated environment inspired by Minecraft. Student
projects will be available on a Black Rocket website to
share with friends and family. To access their project at
home, students must own a PC/MAC version of Minecraft.
Tablet, phone, and game console versions of Minecraft are
not compatible. Students will work in teams for most of
the program. Offered in conjunction with Black Rocket.
Course: YOU659
$140 + $55 fee = $195; Non-Md. residents add $25
Rockville Campus
CRN#: 11631 5 Sessions M,T,W,R,F
7/11–7/15 9 a.m.–12 p.m.
Ages 8–10
CRN#: 11630 5 Sessions M,T,W,R,F
7/11–7/15 1–4 p.m.
Ages 11–14

Super Software Mania
Do you want to maximize your time and effectiveness in
school? Come learn about the three most commonly used
programs in school and beyond—Microsoft Word, Excel,
and PowerPoint. Learn to use these programs by creating
your own fictional business in this exciting program! Design
a budget for your business by finding real-world information
on the web. Create flyers to advertise your business. Design
a presentation about your business to show to potential
‘investors.’ Other topics like effectively searching the web
and how to use image editing programs will also be covered.
Instructor: David Hill
Course: YOU487
$200 + $50 fee = $250; Non-Md. residents add $25
Rockville Campus
CRN#: 11716 5 Sessions M,T,W,R,F
7/25–7/29 9 a.m.–3 p.m.
Grades 5–6
Survival Electronics: Hack & Build
Design and build electronics essentials - light, security and communication - using found and repurposed electronics, motors, LED’s, and maker materials. Explore soldering, take-aparts and electronics hacks. Offered in conjunction with FutureMakers.
Course: YOU764  15 Hours
$165 + $55 fee = $220; Non-Md. residents add $25
Rockville Campus
CRN#: 11587  5 Sessions  M,T,W,R,F
7/11–7/15  1–4 p.m.
Grades 3–5

Web Design for Boys and Girls
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.
Course: YOU575  54 Hours
$400 + $60 fee = $460; Non-Md. residents add $25
Germantown Campus
CRN#: 11726  9 Sessions  M,T,W,R,F
6/27–7/8  9 a.m.–3 p.m.  No class 7/4
Grades 6–8

Course: YOU489  60 Hours
$420 + $60 fee = $480; Non-Md. residents add $25
Rockville Campus
CRN#: 11723  10 Sessions  M,T,W,R,F
8/1–8/12  9 a.m.–3 p.m.  Instructor: David Hill
Grades 6–8

Writing Games and Digital Stories in the New ALICE
Create an animated digital video where you not only direct the action and design the story, but you also build the 3D characters. Learn how to teach the character to behave on your video set, as you develop a script for the actions. All the while, you’ll be learning the newest and most advanced computer controllers with JAVA. The course material is supported by Adobe 3D Studio MAX and Carnegie-Mellon’s software called ALICE. Instructor: Calvin Edwards
Course: YOU208  15 Hours
$250 + $60 fee = $310; Non-Md. residents add $25
Rockville Campus
CRN#: 11709  5 Sessions  M,T,W,R,F
8/1–8/5  1–4 p.m.
Grades 7–9 GT

World Languages

French: Cooking and Games
A fun course where you will learn to prepare and taste French and Francophone dishes, make a digital French cookbook, and play games that help you to learn French and use spoken French. Mixed levels of French. As in the Montessori model, mixing levels challenges all levels, beginners to advanced. There will be one session a day of a grammar lesson for the various levels of French in the class. Offered in conjunction with Minilinguists.
Course: YOU817  30 Hours
$235 + $60 fee = $295; Non-Md. residents add $25
Rockville Campus
CRN#: 42395  5 Sessions  M,T,W,R,F
6/27–7/1  9 a.m.–3 p.m.
Entering Grades 6–8
French: Stories, Dramatic Storytelling, and Games

This course uses games and storytelling to teach French oral grammar and vocabulary of interest to middle school students. You will play games together and participate in drama and storytelling games while enjoying the process of learning French. Mixed levels. As in the Montessori model, mixing levels challenges all students, beginners to advanced. Each day there will be one session of a grammar lesson for the various levels of French in the class. Offered in conjunction with Minilinguists.

Course: YOU819 30 Hours
$235 + $60 fee = $295; Non-Md. residents add $25
Rockville Campus
CRN#: 12210 4 Sessions T,W,R,F 7/5–7/8 9 a.m.–4:30 p.m.
Entering Grades 6–8

French: Stories, Puppetry, and Games

This course uses games and storytelling to teach French oral grammar and vocabulary of interest to first to third graders. You will play games together and participate in drama, storytelling and puppetry games while enjoying the process of learning French. Mixed levels. As in the Montessori model, mixing levels challenges all students, beginners to advanced. Grammar and vocabulary will be taught throughout the day through social games and dramatic exercises throughout the day. Children may not be aware of having a “lesson!” Offered in conjunction with Minilinguists.

Course: YOU822 30 Hours
$235 + $60 fee = $295; Non-Md. residents add $25
Rockville Campus
CRN#: 12213 5 Sessions M,T,W,R,F 7/25–8/1 9 a.m.–3 p.m.
Entering Grades 1–3

Spanish: Cooking and Games

A fun course where you will prepare and taste Spanish and Latin American dishes, make a digital Spanish cookbook, and play games that help you to learn Spanish and use spoken Spanish. Mixed levels of Spanish. As in the Montessori model, mixing levels challenges all students, beginners to advanced. There will be one session a day of a grammar lesson for the various levels of Spanish in the class. Offered in conjunction with Minilinguists.

Course: YOU818 30 Hours
$235 + $60 fee = $295; Non-Md. residents add $25
Rockville Campus
CRN#: 12209 5 Sessions M,T,W,R,F 7/11–7/15 9 a.m.–3 p.m.
Entering Grades 6–8

Spanish: Stories, Dramatic Storytelling, and Games

This course uses games and storytelling to teach Spanish oral grammar and vocabulary of interest to middle school students. You will play games together and participate in drama and storytelling games while enjoying the process of learning Spanish. Mixed levels. As in the Montessori model, mixing levels challenges all students, beginners to advanced. Each day there will be one session of a grammar lesson for the various levels of Spanish in the class. Offered in conjunction with Minilinguists.

Course: YOU820 30 Hours
$235 + $60 fee = $295; Non-Md. residents add $25
Rockville Campus
CRN#: 12211 5 Sessions M,T,W,R,F 7/18–7/22 9 a.m.–3 p.m.
Entering Grades 6–8

Spanish: Stories, Puppetry, and Games

This course uses games and storytelling to teach Spanish oral grammar and vocabulary of interest to first to third graders. You will play games together and participate in drama, storytelling and puppetry games while enjoying the process of learning Spanish. Mixed levels. As in the Montessori model, mixing levels challenges all students, beginners to advanced. Grammar and vocabulary will be taught throughout the day through social games and dramatic exercises throughout the day. Children may not be aware of having a “lesson!” Offered in conjunction with Minilinguists.

Course: YOU821 30 Hours
$235 + $60 fee = $295; Non-Md. residents add $25
Rockville Campus
Entering Grades 1–3
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<th>CRN #</th>
<th>Course #</th>
<th>Course Title</th>
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<th>Tuition Fee</th>
<th>Non-MD Resd. Fee</th>
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**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. (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

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Please indicate payment by:

- Check (payable to Montgomery College)
- MasterCard
- VISA
- Discover
- American Express: **Exp. Date**
- 3 or 4 digit Security code on back of card:

**Credit Card Information:**

- Name on Card
- Card Number
- Your Name (If different from name on card)

Please mail this form with your payment or credit card information to:

Montgomery College WD&CE
Summer Youth Programs
51 Mannakee Street, CC 220
Rockville, MD 20850
or FAX to 240-567-7548

8/28/13

**<< Registration form and health and emergency information MUST BE completed for enrollment >>**
HEALTH AND EMERGENCY INFORMATION:
Registration cannot be processed until all health information is complete.
For registration assistance call 240-567-7264 or 240-567-7917.

Student’s Name: ___________________________________   Parent’s Name: ____________________________________________

Person to be notified in case of emergency: ___________________________________ Relationship to student: ________________

Home Phone: (_____) _______ - ________ Work Phone: (_____) _______ - ________ Cell Phone: (_____) _______ - ________

Medical Information:
Current illnesses or health problems:

Does your child have a known allergy? ___ Yes ___ No
If Yes: Food allergy ___ Yes ___ No If No: Other ____________________________
If Yes: Is Epi-pen required? ___ Yes ___ No Students carrying an Epi-pen during program hours must keep their Epi-pen current/updated and with them at all times.
Other medication: ___________________________________________________________________________________________

Will medication need to be taken during program hours? Describe: _____________________________________________________

Note: Does your child have any medication with him/her, or carry an EpiPen as a safety precaution? If so, your child must be able to self-administer his/her medication, and you must submit the Medication Form found at www.montgomerycollege.edu/youth.

Month and year of last tetanus shot: _____ / _____

Physician’s Name ____________________________________________ Phone No.: _____________________________________

Scholarships:
Pending funding, a limited number of partial scholarships may be available for Montgomery County students who qualify for free or reduced lunch. Submission of scholarship application does not guarantee that scholarship funds will be granted. To apply for a scholarship, complete the registration form, and attach a copy of the free or reduced meals eligibility form or a copy of your current income tax form showing total family income. Mail these forms along with a check or credit card information for the amount of the fee. (Scholarships are awarded on a first come, first served basis, and awards are for the amount of the TUITION ONLY for ONE COURSE PER STUDENT.) Last day to request scholarships is May 20, 2016. Scholarship requests will not be accepted after this date Fees must be paid and must accompany your registration form. Call 240-567-7264 for information.

Disability Support Services Information
Does your child have a disability/challenge (e.g. physical, learning, psychological, emotional, behavioral, etc.) or medical conditional that could affect his/her participation in a regular classroom environment? ___ No ___ Yes
If yes, a staff member will be contacting you to discuss possible needs and determine if reasonable accommodations should and can be made. Montgomery College Youth Programs is committed to providing accessible education and a supportive learning environment for all students. To help us meet this goal, after you have registered, contact our WD&CE Disability Support Services counselor Natalie Martinez at natalie.martinez@montgomerycollege.edu or 240-567-4118 at least four weeks before the start of the program to inform the College of any physical disabilities or behavioral/social challenges your child has and to arrange for reasonable accommodations. MC does not provide medical assistants or care attendants. 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).

Youth Programs Only: Class Transfer and/or Class Withdrawal/Drop Fees Policy
1. Class Transfer Requests: Students will be allowed to transfer from one class to another, one time without a charge. Any additional schedule changes will be reviewed and may be subject to a $20.00 fee per change.
2. Youth Class withdrawal/drop request: If a student requests to drop or withdraw from a class, the request must be received at least 6 business days prior to the start of the class to avoid a withdrawal/drop fee. Requests to withdraw from a class received within 5 business days of the start of the class will be subject to a fee of $50.00.

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.
___ 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.

Child’s Name ___________________________________  Parent/Guardian ___________________________________ Date ______

Signature

I give permission to have my child’s photograph and/or testimonial used in promotions in connection with registration and other media campaigns produced by Montgomery College  ____ Yes  ____ No

For courses indicated as [GT] (Gifted and Talented):
The above named student has been identified as gifted and talented/honors student under the guidelines used by the Montgomery County Public Schools, and I recommend her/him for enrollment in the courses listed on the other side of this application.

School Principal Signature (or designee) ___________________________________ Date ______
Montgomery College
Workforce Development & Continuing Education
Youth Programs Registration Form

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

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

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. (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 __Non U.S. Citizen Visa, if any _____________ Are you planning to request an I-20 from MC? __Yes ___No (If yes, you must see the International Student Coordinator, Rockville Campus, Student Services, Room 115.)

(Non U.S. Citizens attach copy of your passport visa or permanent resident card.)

Please indicate payment by:
_____Check (payable to Montgomery College)
_____ MasterCard _____VISA _____ Discover _____ American Express: Exp. Date (m m / y y)

3 or 4 digit Security code on back of card: ________________

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Montgomery College
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Student’s Name: ___________________________ Parent’s Name: ___________________________

Person to be notified in case of emergency: ___________________________ Relationship to student: ___________________________

Home Phone: (____) _______ - ________ Work Phone: (____) _______ - ________ Cell Phone: (____) _______ - ________

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Does your child have a known allergy?   ___ Yes  ___ No
  If Yes: Food allergy ___ Yes  ___ No  If No: Other ___________________________

If Yes: Is Epi-pen required? ___ Yes  ___ No  Students carrying an Epi-pen during program hours must keep their Epi-pen current/updated and with them at all times.

Other medication: ____________________________________________________________________________________________

Will medication need to be taken during program hours? Describe: _____________________________________________________

Other medication: ____________________________________________________________________________________________

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Physician’s Name ____________________________________________ Phone No.: _____________________________________

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form, and attach a copy of the free or reduced meals eligibility form or a copy of your current income tax form showing total family income. Mail these
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could affect his/her participation in a regular classroom environment?   ___ No  ___ Yes

If yes, a staff member will be contacting you to discuss possible needs and determine if reasonable accommodations should and can be made.
Montgomery College Youth Programs is committed to providing accessible education and a supportive learning environment for all students. To
help us meet this goal, after you have registered, contact our WD&CE Disability Support Services counselor Natalie Martinez at natalie.martinez@
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___ Should a medical emergency occur, I grant authority to Montgomery College Campus Security staff to provide necessary and reasonable medical
attention to my child.

Child’s Name: ___________________________ Parent/Guardian: ___________________________ Date ________

Signature: ___________________________

I give permission to have my child’s photograph and/or testimonial used in promotions in connection with registration and other media campaigns
produced by Montgomery College    □ Yes    □ No

For courses indicated as [GT] (Gifted and Talented):
The above named student has been identified as gifted and talented/honors student under the guidelines used by the Montgomery County Public
Schools, and I recommend her/him for enrollment in the courses listed on the other side of this application.

School Principal Signature (or designee) ___________________________________________ Date ___________
<table>
<thead>
<tr>
<th>Child's Name</th>
<th>Address</th>
<th>House # and Street Name (Do NOT use P.O. Box or you will be charged Non-Md. resident fee.)</th>
<th>Apt. #</th>
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Age | Birthdate | Sex | City | State | Zip |
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School Currently Attending | Grade 2015–2016 |
<table>
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Parent/Guardian Information

<table>
<thead>
<tr>
<th>Parent/Guardian Name</th>
<th>Relationship to Student</th>
<th>Parent Work Phone</th>
<th>Parent Cell</th>
<th>Parent E-Mail</th>
</tr>
</thead>
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Pick Up Authorization

Persons authorized to Pick Up child in case of emergency—ALL sections MUST have complete address information

1. Name | Relationship to Student | Phone Number |
<table>
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Address | House # and Street Name (Do NOT use P.O. Box or you will be charged Non-Md. resident fee.) | Apt. # |
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City | State | Zip |
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2. Name | Relationship to Student | Phone Number |
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City | State | Zip |
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</table>

Is there anyone legally NOT allowed to Pick Up your child? If so, we MUST have a copy of the legal paperwork on file. Name of person(s) NOT allowed:

Name of person(s) NOT allowed: ________________________________
Put an (X) next to the session that student will be attending.

<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td><strong>Germantown Campus</strong></td>
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<td><strong>Germantown Campus</strong></td>
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</tr>
<tr>
<td>Before Care        42032</td>
<td>Before Care 11822</td>
<td>Before Care 11806</td>
<td>Before Care 11808</td>
<td>Before Care 11811</td>
</tr>
<tr>
<td>After Care         42034</td>
<td>After Care 11844</td>
<td>After Care 11825</td>
<td>After Care 11828</td>
<td>After Care 11832</td>
</tr>
<tr>
<td><strong>Rockville Campus</strong></td>
<td><strong>Rockville Campus</strong></td>
<td><strong>Rockville Campus</strong></td>
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<tr>
<td>Before Care        42031</td>
<td>Before Care 11823</td>
<td>Before Care 11804</td>
<td>Before Care 11809</td>
<td>Before Care 11810</td>
</tr>
<tr>
<td>After Care         42035</td>
<td>After Care 11845</td>
<td>After Care 11826</td>
<td>After Care 11829</td>
<td>After Care 11831</td>
</tr>
<tr>
<td><strong>Takoma Park/Silver Spring</strong></td>
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<tr>
<td>Before Care        42033</td>
<td>Before Care 11824</td>
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<td>Before Care 11807</td>
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<tr>
<td>After Care         42036</td>
<td>After Care 11843</td>
<td>After Care 11827</td>
<td>After Care 11830</td>
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<table>
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<tr>
<th>Week of August 1–5</th>
<th>Week of August 8–12</th>
<th>Week of August 15–19</th>
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<tbody>
<tr>
<td><strong>Germantown Campus</strong></td>
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<tr>
<td>Before Care        11814</td>
<td>Before Care 11817</td>
<td>Before Care 11820</td>
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<tr>
<td>After Care         11835</td>
<td>After Care 11838</td>
<td>After Care 11841</td>
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<td><strong>Rockville Campus</strong></td>
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<tr>
<td>Before Care        11815</td>
<td>Before Care 11816</td>
<td>Before Care 11819</td>
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<tr>
<td>After Care         11834</td>
<td>After Care 11839</td>
<td>After Care 11840</td>
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<tr>
<td><strong>Takoma Park/Silver Spring</strong></td>
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<tr>
<td>Before Care        11813</td>
<td>Before Care 11818</td>
<td>Before Care 11828</td>
</tr>
<tr>
<td>After Care         11836</td>
<td>After Care 11837</td>
<td>After Care 11840</td>
</tr>
</tbody>
</table>

Before and After Care Polices and Procedures

Please initial each section listed below, then sign and date.

___ I agree to pay late pick-up fees, if they are assessed, in accordance with the policy.

___ I understand that there is no refund for days that my child misses the program.

___ I understand that my child will be released ONLY to those listed on the Pick Up Authorization Form. I also understand that when my child has been released to one of the named authorized people, his or her welfare is no longer the responsibility of the staff of the MC Youth Programs Before and After Care Program.

Pick-up Information

Please initial each section listed below, then sign and date.

___ For the safety of our students, parents must sign in and sign out daily with the adult who is supervising the Before and After Care. Students may not leave the program and walk to the parking lot to meet parents, nor will they be released based on a phone call. Adults having permission to pick up your child will have to show their picture ID and be listed on your application form.

___ Students must be picked up promptly by 6 p.m. A late fee of $25 will be assessed for every 15 minutes late or part thereof. Repeated late Pick Ups may jeopardize the child’s enrollment in the program.

Parent’s Signature: ___________________________________________ Date: __________________________

This signed form must be received by the Youth Program office at least five business days before the start of the program.

Mail to: Montgomery College, Youth Programs, 51 Mannakee Street, Rockville, Maryland 20850.
Or hand deliver to Youth Programs, Room 220 Campus Center, Rockville Campus.

Questions? Call the Youth Program at 240-567-7917
BEFORE AND AFTER CARE AGREEMENT (Part 1 of 2)

PART 1 AND 2 OF BEFORE AND AFTER CARE AGREEMENT MUST BE COMPLETED TO REGISTER

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

Age

Birthdate Month Day Year Sex 

Female

Male

School Currently Attending Grade

Home Phone

Parent/Guardian Information

Parent/Guardian Name

Relationship to Student

Parent Work Phone

Parent Cell

Parent E-Mail

Pick Up Authorization

Persons authorized to Pick Up child in case of emergency—ALL sections MUST have complete address information

1. Name

Relationship to Student

Phone Number

Address

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

City

State Zip

2. Name

Relationship to Student

Phone Number

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 there anyone legally NOT allowed to Pick Up your child? If so, we MUST have a copy of the legal paperwork on file.

Name of person(s) NOT allowed:
BEFORE AND AFTER CARE AGREEMENT (Part 2 of 2)

Put an (X) next to the session that student will be attending.

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<th>Week of July 5–July 8 (T,W,R,F)</th>
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Course #'s:
Before Care YOU341
After Care YOU339

Week of July 5–July 8  T,W,R,F only
NO CLASS MONDAY, JULY 4.
Before Care YOU340
After Care YOU338

Questions? Call the Youth Program at 240-567-7917

Before and After Care Polices and Procedures
Please initial each section listed below, then sign and date.

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Mail to: Montgomery College, Youth Programs, 51 Mannakee Street, Rockville, Maryland 20850.
Or hand deliver to Youth Programs, Room 220 Campus Center, Rockville Campus.
Questions? Call the Youth Program at 240-567-7917
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 1/2 blocks on the left.
Campus is also accessible from the Shady Grove Metro station
via the Ride-On bus.
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.

Takoma Park/Silver Spring Campus Legend of Buildings
(as of January 2016)

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>CF</td>
<td>The Morris and Gwendolyn Cafritz Foundation Arts Center</td>
</tr>
<tr>
<td>CM</td>
<td>Catherine F. Scott Commons</td>
</tr>
<tr>
<td>CU</td>
<td>Cultural Arts Center</td>
</tr>
<tr>
<td>DC</td>
<td>Child Care Center</td>
</tr>
<tr>
<td>EG</td>
<td>East Garage (Parking)</td>
</tr>
<tr>
<td>FH</td>
<td>Falcon Hall (Physical Education)</td>
</tr>
<tr>
<td>HC</td>
<td>Health Sciences Center</td>
</tr>
<tr>
<td>MP</td>
<td>Mathematics Pavilion</td>
</tr>
<tr>
<td>NP</td>
<td>North Pavilion</td>
</tr>
<tr>
<td>P1</td>
<td>Pavilion One</td>
</tr>
<tr>
<td>P2</td>
<td>Pavilion Two</td>
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<tr>
<td>P3</td>
<td>Pavilion Three</td>
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<td>Pavilion Four</td>
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<tr>
<td>RC</td>
<td>Resource Center</td>
</tr>
<tr>
<td>SN</td>
<td>Science North Building</td>
</tr>
<tr>
<td>SS</td>
<td>Science South Building (Planetarium)</td>
</tr>
<tr>
<td>ST</td>
<td>Charlene R. Nunley Student Services Center (Cafeteria, Security Office)</td>
</tr>
<tr>
<td>WG</td>
<td>West Garage (Parking)</td>
</tr>
</tbody>
</table>
Summer Youth Programs
Over 200 Fun-Filled Classes for Grades K–12!