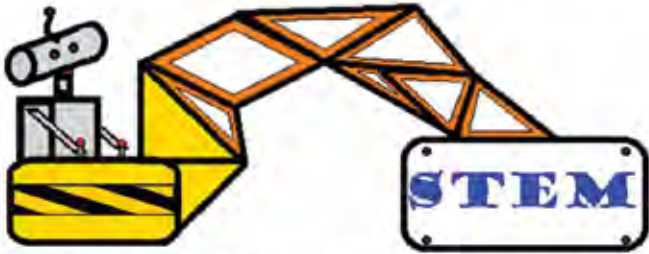


Youth Programs

Workforce Development and Continuing Education | March 2022

MC Youth Programs presents
Goldsmith Education LLC



The Future Starts Here

Goldsmith Education LLC provides technology education to elementary through high school students in interesting, fun and exciting ways. Students learn science, mathematics and engineering concepts in a thought provoking, safe and varied educational environment with exposure to a multitude of age appropriate learning tools, programming (coding) languages and specially designed physical kits. Our program starts by giving students base knowledge in technology starting with the very basic machines to compound builds growing toward opened ended building and programming opportunities. Our idea of technology education is that students need to be grounded in physical construction in order to truly understand how to create a program to manipulate the world around them.



A Special One-day Program at Montgomery College for All Students Ages 6–16.

Saturday, March 26, 2022

Rockville Campus

9 a.m.–4 p.m.

Cost for full day program is \$104

Schedule:

| | |
|----------------|-------------------------|
| 8:30–8:45 a.m. | Check In |
| 8:45–8:55 a.m. | Welcome |
| 9 a.m.–12 p.m. | Morning Session |
| 12–12:45 p.m. | Lunch (Bring bag lunch) |
| 1–4 p.m. | Afternoon Session |
| 4 p.m. | Dismissal |

**To register or for more information, go to:
www.montgomerycollege.edu/youth**

When registering, please register for a morning session and an afternoon session. Do not forget to sign up for the lunch session so we have an accurate number of students for supervision purposes. As a reminder, each child is required to bring their own bag lunch and drink.

For more information, contact
YouthProgramsDirector@montgomerycollege.edu

www.montgomerycollege.edu/youth
240-567-5188

Youth Programs—Goldsmith Education | March 26, 2022

Rockville Campus

Saturday, March 26, 2022 • 9 a.m.–4 p.m.

Morning Session: 9 a.m.–12 p.m.

Afternoon Session: 1–4 p.m.

Cost for full day program is \$104

STEM Coding with Lego

Ages 6–10 • Course #: YTH837

Morning Session: CRN#: 36162

Afternoon Session: CRN#: 39163

You will be challenged to build robots and program them to respond to outside input like sound and touch. This program uses LEGO® block coding to enable you to program machines to do incredible things. Learn to use sensors and motors to bring LEGO® constructions to life in this fun interactive class.

STEM Simple Machines and Engineering

Ages 6–10 • Course #: YTH838

Morning Session: CRN#: 39164

Afternoon Session: CRN#: 39165

You will learn the basics of engineering such as simple machines and mechanisms. These basics are taught through the building and modifying of LEGO® models. You will build both simple and intricate models to build your engineering prowess. Come build something amazing using engineering and design.

VEX Robotics and STEM Coding

Ages 11–16 • Course #: YTH839

Morning Session: CRN#: 39166

Afternoon Session: CRN#: 39168

Have you ever wanted to work with a robot and teach it to do incredible things? This is the class for you. In this class you will learn basics of robotics and coding. Using VEX robots you will start by learning to control the robot through remote control and graduate up to full programming of the device. This course teaches students linear thinking and problem-solving skills. Come do something amazing.

Coding and Robotics with Lego Mindstorm

Ages 11–16 • Course #: YTH840

Morning Session: CRN#: 39169

Afternoon Session: CRN#: 39170

If you have ever wanted to bring Legos to life this is the class for you. Using LEGO® EV3 Minstorm we will bring a wheeled robot to life. Learn how to drive and maneuver this wheeled bot through coding. Using LEGO® block style coding we will teach your robot to move through spartce, driving, turning, and solving mazes. This class will teach you how to experiment with robotic piloting skills using measurement and critical thinking skills.

Youth Lunch

Course #: YTH666 CRN #: 39209

Please register for Youth Lunch so that we may have an accurate number of students for supervision purposes. **Students are required to bring their own lunch, including a drink.** Due to COVID protocols, we cannot guarantee that vending machines will be available. Students will be supervised by Youth Programs staff.



www.montgomerycollege.edu/youth
240-567-5188