

Youth Programs

Workforce Development and Continuing Education | February 2022

MC Youth Programs
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Black Rocket provides unique enrichment and educational programs to children and young adults offering distinct programs in Creative Sciences, Digital Arts, and Leadership.

Each course emphasizes self-empowerment, cognitive reasoning, and divergent thinking through hands-on learning.

Black Rocket's mission is to help ignite, unleash, and enhance these distinct talents.



A Special One-day Program at Montgomery College for All Students Ages 11–14.

Saturday, February 26, 2022

Germantown Campus

8:30 a.m.–3:30 p.m.

Cost for full day program is \$118

Schedule:

8:30–8:45 a.m.	Check In
8:45–8:55 a.m.	Welcome
9 a.m.–12 p.m.	Morning Session
12–12:30 p.m.	Lunch (Bring bag lunch)
12:30–3:30 p.m.	Afternoon Session
3:30 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—Black Rocket | February 26, 2022

Morning Session: 9 a.m.-12 p.m.

Advanced Robotics

During this class your team will learn to program a robot to overcome a class challenge using visual programming. You will see firsthand how your program translates into action as you attempt to control your robot sensors and maneuver around obstacles.

Course #: YTH467 CRN: 38459

Python Programmers

In this introductory class, you will be empowered to learn to code in Python. This class will be highly structured and highly engaging

Course #: YTH468 CRN: 38461

Make Your First 3D Video Game with Atmosphir

You will explore the world of an immersive 3D world. Come design and play a custom level you create.

Course #: YTH469 CRN: 38462

YouTube® Content Creators

It's time to start a career as the next YouTube star! Learn the basics of video editing, the Dos and Don'ts of posting on YouTube, and how to practice good digital citizenship. Create your first video ready for primetime.

Course #: YTH470 CRN: 38463

Minecraft® Redstone Engineers

Redstone is the Minecraft equivalent of electricity. In this electrifying class you will learn the basics of Redstone and building a piston door and light switch.

Course #: YTH471 CRN: 38464

Youth Lunch Course #: YTH476 CRN: 38469

Please register for Youth Lunch if your child is attending a morning and an afternoon session 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.

Afternoon Session: 12:30-3:30 p.m.

Advanced Robotics

During this class your team will learn to program a robot to overcome a class challenge using visual programming. You will see firsthand how your program translates into action as you attempt to control your robot sensors and maneuver around obstacles.

Course #: YTH467 CRN: 38460

JavaScript Coder Jam

Learn programming tools so powerful they seem like magic! Start off by learning an array of core coding concepts with JavaScript by experimenting in a series of digital challenges.

Course #: YTH472 CRN: 38465

Esports Apprentices—Streamers and Gamers

You will develop your skills in the Black Rocket eSports App as well as learn how to produce and edit a live stream tournament.

Course #: YTH473 CRN: 38466

Minecraft Modders

Learn how to make items with powers for Minecraft! In this class you will learn coding concepts to create tools with power ups.

Course #: YTH474 CRN: 38467

Rocket Kart Racers: Design A Mario Kart® Style Game

On your marks, get set, create! Blast off in making your first 3D Mario Kart® and Crash Team Racing® style video game! Design and race on your own race track and customize the game background.

Course #: YTH475 CRN: 38468

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