



We believe that there is more potential in students who enjoy STEM subjects than may be developed in schools. These students need a place where they can realize their full potential. We want to foster their ingenuity and curiosity through structured and unstructured STEM-focused programs. During the course of a program, students can learn facets of many STEM topics:

- Robotics
- Programming
- Electrical Engineering
- Physics
- Meteorology
- Math

We know that no two students have exactly the same skills or learning style. That's why we maintain a low student-to-instructor ratio and include both individual and group learning. At the end of each program students have a completed project to show their family and friends, instilling a strong sense of accomplishment and confidence.



After school, weekend, school vacation, and summer camp programs

www.LOFTtechnology.com

2018 Programs @Rivier University

Summer Camps

July 9 - 13

July 16 - 20

July 23 - 27

July 30 - Aug 3

August 6 - 10

August 13 - 17

August 20 - 24

After School

Now Scheduling! Check our website or email us to request a program at your school!

Camps run 9am - 4pm with early drop off (8am) and/or late pickup (5pm) available for \$6 an hour. Students are provided morning and afternoon snack. They can bring their own lunch or eat in the cafeteria for \$6.75 per day.

Robotics Jr.

Kids learn the basics of robotics as they build fun bots using the LEGO EV3 and Arduino with sensors and motors.

DATES:

July 9 - 13

COST: \$499

Recommended for ages 8 and up.*

Robotics

A week of designing and building more complex robots using Arduinos and Raspberry Pi with multiple sensors and motors.

DATES:

July 16 - 20

COST: \$499

Recommended for ages 11 and up.*

Mobile App Maker

Students build their own mobile apps using the MIT App Inventor! They learn programming and mobile design as they bring their own app creations to life. Bringing an Android device is recommended but not required.

DATES:

July 23 - 27

COST: \$449

Recommended for ages 8 and up.*

Scratch Programming

One of our favorite programs, Scratch is amazingly versatile! Kids create unique animations and games that range from fun and simple to intricate and amazing! Great for kids at all stages of learning to program.

DATES:

July 30 - August 3

COST: \$449

Recommended for ages 7 and up.*
Must have basic keyboard knowledge.

2D Platform Game Maker

In this program we use Game Maker Studio to create a 2D game with multiple levels, each one harder than the last. Collect tokens, defeat enemies with projectiles, and avoid pitfalls and obstacles. This program is a combination of 2D art, design, and programming.

DATES:

August 6 - 10

COST: \$449

Recommended for ages 8 and up.*

***RECOMMENDED AGES/GRADES ARE TO HELP PARENTS DETERMINE THE BEST PROGRAM FOR THEIR CHILD. IF YOUR CHILD IS OUTSIDE THE RECOMMENDATION BUT YOU FEEL THEY WOULD DO WELL IN A CLASS PLEASE CONTACT US.**

3D Animation

During this program the students will use the Alice 3D design software to learn how to setup a 3D scene and program the objects and camera to move in the 3D environment. The students will work throughout the week to create their own unique 3D animation!

DATES:

August 13 - 17

COST: \$449

Recommended for grades 3 and up.*

3D Game Maker

In this program students create their own epic 3D adventure game. They work with Alice and are introduced to the Unity game development platform used by professional game developers.

DATES:

August 20 - 24

COST: \$449

Recommended for ages 11 and up.*

QUESTIONS? CONTACT US!

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