



# UNA SUMMER STEM CAMP 2019

## *Computer Science Edition*

### Dates

June 10-14, 2019

Microcontroller Camp - Check-in is from 8:00-8:30 a.m. on June 10<sup>th</sup> @ Mathematics Building.

Robot Camp - Check-in is from 1:30-2:00 p.m. on June 10<sup>th</sup> @ Mathematics Building.

Students will participate in 5 days of camp activities (non-residential).

### Who May Apply?

The robotics camp is open to all students in grades 5-9.

The microcontroller camp is open to all students in grades 7-12.

### Camp Activities

UNA Summer STEM Camps “Computer Science Edition” are day camps for students in grades 5-12.

**Learn to Program Microcontrollers.** Campers will experience hands-on programming with modern microcontrollers and simple circuits. Activities include building electronic circuits and creating programs to manipulate the circuits. No prior experience with programming or circuits is required. The Learn to Program Microcontrollers camp meets daily from 8:30 until 12:30, June 10-14. Tuition for this camp is \$225.

**Robot Programming.** The robotic programming camp will feature programming and problem solving with pre-assembled Parallax robots. No prior programming experience is required. The Robot Programming camp meets daily from 2:00 until 4:30, June 10-14. Tuition for this camp is \$145.

Camp instructors are members of the UNA math and computer science faculty and camp counselors are math and computer science students.

### Fees

\$225 tuition - Learn to Program Microcontrollers.

\$145 tuition – Robot Programming

Tuition deadline is June 8, 2019

Registration and tuition payment - <https://www.una.edu/stemcamp/>

## General Information

**What to bring:** No materials or supplies are required for this camp. Campers may bring a laptop on the last day and camp staff will assist installing a copy of the course software that campers may keep.

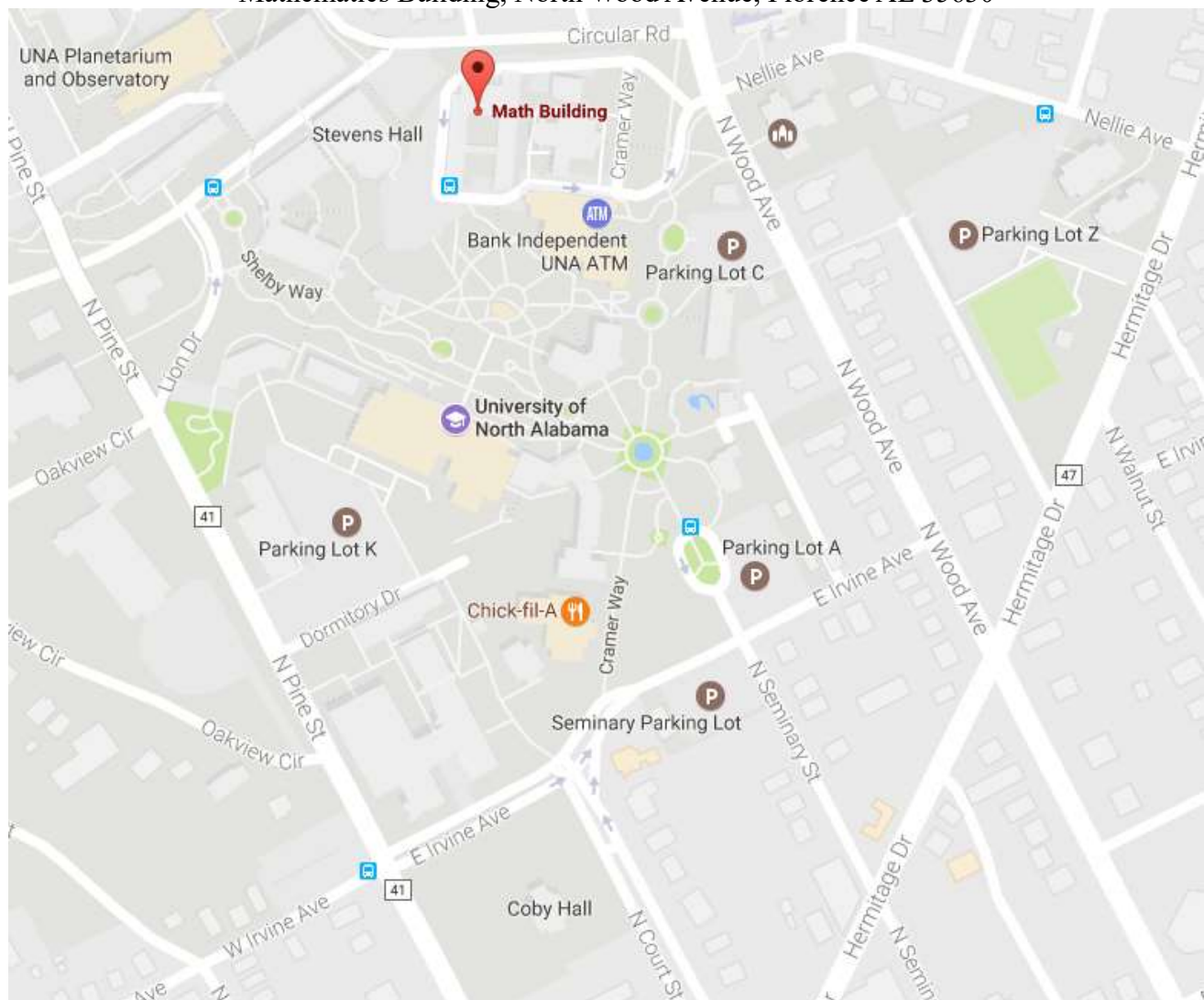
**Optional:** Spending money for snacks. No food or drink will be served at the camp.

## For More Information

<https://www.una.edu/stemcamp/>  
Dr. Cynthia Stenger [clstenger@una.edu](mailto:clstenger@una.edu)  
Dr. James A. Jerkins, CISSP [jajerkins@una.edu](mailto:jajerkins@una.edu)  
or  
Call Ms. Jaimie Koopman 256-765-4286

Register online at <https://www.una.edu/stemcamp/>

Mathematics Building, North Wood Avenue, Florence AL 35630





# UNA SUMMER STEM CAMP 2019

## *Camper information sheet and Emergency contacts*

Please print and complete this information for each student participating in the UNA Summer STEM Camp. Bring the completed forms to check-in.

### Student Information

Camper's Name: \_\_\_\_\_

Camper's Home address: \_\_\_\_\_

Camper's Age: \_\_\_\_\_ Camper's Grade (Fall 2019): \_\_\_\_\_

### Parent/Guardian Information

Parent/Guardian Name: \_\_\_\_\_

Home or Mobile Phone: \_\_\_\_\_ Emergency Phone: \_\_\_\_\_

Parent/Guardian Name: \_\_\_\_\_

Home or Mobile Phone: \_\_\_\_\_ Emergency Phone: \_\_\_\_\_

### Medical Information

**If bringing medication, please attach a separate sheet listing the medication and the condition for which it is needed. Please also note any physical, emotional, or mental health issues which require special provisions.**

Health Insurance Provider: \_\_\_\_\_

Policy Holder and Number: \_\_\_\_\_

Primary Care Provider (name and phone): \_\_\_\_\_

*Your signature on this form will authorize the University of North Alabama to proceed without undue delay should a situation occur which requires medical attention. A representative of the University of North Alabama will attempt to contact the parent/guardian listed above before any action is taken, if possible.*

*I/We grant permission for my/our child to receive medical treatment in the event of an emergency in which an injury or illness occurs while s/he is attending the UNA Summer STEM Camp at the University of North Alabama.*

*I, the undersigned parent and/or guardian of \_\_\_\_\_ (camper), allow my child to participate in activities of the University of North Alabama and the UNA Summer STEM Camp. I do hereby release and discharge the University of North Alabama, the UNA Summer STEM Camp, and all staff, faculty, and student counselors from any and all liability for damages on account of injuries or illness sustained to or by my child while engaged in such activities, whether related or not to camp activities.*

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Parent/Guardian Signature Date

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Camper's Name

**Rules and Regulations**

Please read the following camp rules and regulations before signing. Your signature verifies that both the parent/guardian and camper have read, understood, and agreed to the camp rules and regulations.

1. I agree to abide by the University fire and safety regulations and camp rules, and will cooperate with camp authorities and University officials at all times during the UNA Summer STEM Camp.
2. I understand that camp authorities have the right to expel campers for violation of these rules and regulations or University of North Alabama regulations, and that under such circumstances, no refunds will be made.
3. I understand that the University of North Alabama and the UNA Summer STEM Camp are not responsible for lost, stolen, or damaged personal property.
4. I understand that fees are not refundable after the first day of camp.
5. I understand that all fees are to be paid, in full, on or before the first day of camp and that failure to pay all fees by the required date will result in my registration being voided.
6. I understand that I am responsible for any physical damages to University facilities or equipment and I will be held financially liable for such damages.
7. I grant the University of North Alabama and the UNA Summer STEM Camp permission to use my likeness in photographs, video recordings, or audio recordings of my voice in publications and promotional materials, including web sites, without payment or any other consideration. I understand and agree that these images and recordings will become property of the UNA Summer STEM Camp.

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Parent/Guardian Signature Date

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Camper's Signature