

SPACE CAMP • AVIATION CHALLENGE • SPACE CAMP ROBOTICS • U.S. CYBER CAMP

# SPACE CAMP®

Huntsville, AL, USA

2019 PROGRAM GUIDE

[spacecamp.com](http://spacecamp.com)



**MARS**  
GENERATION CANDIDATES  
TRAINEES WANTED

#1 "Seriously Cool Summer Camp"  
The New York Times – May 2018



# 2019 GUIDE CONTENTS



Smithsonian  
Institution



The U.S. Space & Rocket Center is the Official Visitor Center for NASA's George C. Marshall Space Flight Center and is a Smithsonian Affiliate museum.

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*For information on weeklong camps for individuals go to [www.spacecamp.com](http://www.spacecamp.com).*





# WELCOME, MARS GENERATION



## *From the CEO*

Space Camp® is leading the way in training the next generation of explorers from all over the world. As a feature program at the epicenter where space exploration began with Dr. Wernher von Braun's team – Huntsville, Alabama – Space Camp is entering its 37th year as a premiere STEM program for young people. Today, more than 800,000 of our graduates are engaged in STEM careers or are paving the way for their future.

Space Camp curriculum includes missions from both NASA and private-sector space companies. It offers a comprehensive, powerful and authentic introduction to the real-life exploration of the cosmos. Our training is authentic, thought-provoking and challenging, as it is based on the principles and activities of actual astronaut training. But it is achievable because each team uses their strengths to overcome “anomalies,” obstacles and self-doubt. Amidst the backdrop of the largest collection of space hardware on the planet, like the National Historic Landmark Saturn V rocket and the world's only full-stack space shuttle display, students are surrounded by the tangible impact and intellectual power of the people who made this possible.

We are incredibly proud to be inspiring young minds to reach farther toward their dreams every day at Space Camp.  
Join us on the journey!

Warmest regards,

**Dr. Deborah Barnhart**

*Chief Executive Officer & Executive Director*





Suit up and get ready for launch! Students train program, launch on a simulated

# TRAIN LIKE AN

*Three age groups to maximize fun and*



**All meals  
and lodging  
are included.**

Weeklong programs begin on Sunday afternoon with graduation Friday morning.

Programs are aligned to Next Generation Science Standards and National Education Mathematics Standards.

[www.spacecamp.com](http://www.spacecamp.com)

1-800-637-7223 or 256-837-3400

Find all terms and conditions at [spacecamp.com](http://spacecamp.com)

## Space Camp

Ages 9-11 • Grades 4-6

\$999 per student

### SLEEPAWAY PACKAGE:

10% off each additional consecutive session;  
no extended-stay fees charged for the week-end between sessions.



SPACE EXPLORATION  
BADGE AVAILABLE



using equipment adapted from NASA's astronaut space mission and learn to dream BIG!

# ASTRONAUT

*learning with age-appropriate activities*



## Space Academy

*Ages 12-14 • Grades 7-9*

\$999 per student

**SLEEPAWAY PACKAGE:**  
10% off each additional consecutive session;  
no extended-stay fees charged for the week-  
end between sessions.

## Advanced Space Academy

*Ages 15-18 • Grades 10-12*

\$1,199 per student

**SLEEPAWAY PACKAGE:**  
10% off each additional consecutive session;  
no extended-stay fees charged for the week-  
end between sessions.



**STAR GAZER  
OUT-OF-THIS-WORLD  
BADGES AVAILABLE**



**College Credit**  
Advanced Space Academy trainees can  
earn college credit through The University of  
Alabama in Huntsville.  
**See [spacecamp.com](http://spacecamp.com) for full eligibility requirements.**



Students test their skills in a fast-paced, military-inspired program that uses simulated, realistic combat scenarios combined with survival training.

# FLY LIKE A PILOT!

*Learn critical thinking, teamwork and leadership.*



**6 DAY** All meals and lodging are included.

All prices include meals and lodging on our campus. Weeklong programs begin on Sunday afternoon with graduation Friday morning.

Programs are aligned to Next Generation Science Standards and National Education Mathematics Standards.

[www.spacecamp.com](http://www.spacecamp.com)  
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## Mach I

Ages 9-11 • Grades 4-6

\$999 per student

**SLEEPAWAY PACKAGE:**  
10% off each additional consecutive session; no extended-stay fees charged for the weekend between sessions.



**PARTIAL AVIATION  
MERIT BADGE**

## Mach II

Ages 12-14 • Grades 7-9

\$999 per student

**SLEEPAWAY PACKAGE:**  
10% off each additional consecutive session; no extended-stay fees charged for the weekend between sessions.



**THE UNIVERSITY OF  
ALABAMA IN HUNTSVILLE**

## Mach III

Ages 15-18 • Grades 10-12

\$999 per student

**SLEEPAWAY PACKAGE:**  
10% off each additional consecutive session; no extended-stay fees charged for the weekend between sessions.

### College Credit

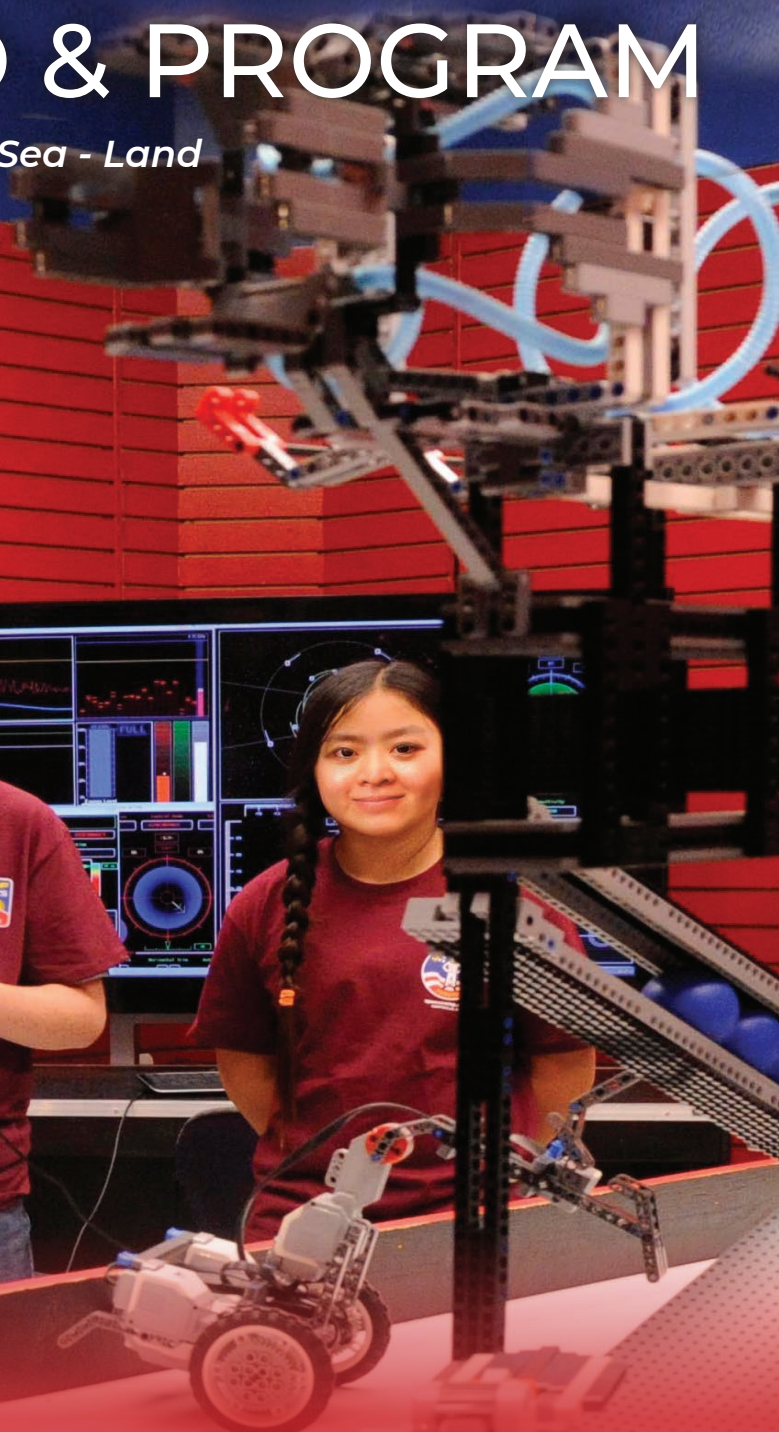
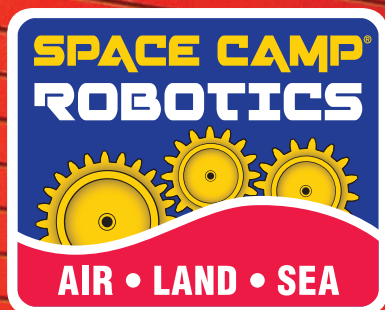
Aviation Challenge Mach III trainees can earn college credit through The University of Alabama in Huntsville.



Ideas become reality using robotic technologies to engineer solutions for real-world problems and test them in a spirited competition.

# DESIGN, BUILD & PROGRAM

*Robots on Air - Sea - Land*



**All meals  
and lodging  
are included.**

Weeklong programs begin on Sunday afternoon with graduation Friday morning.

Programs are aligned to Next Generation Science Standards and National Education Mathematics Standards.

**www.spacecamp.com**  
**1-800-637-7223 or 256-837-3400**

*Find all terms and conditions at spacecamp.com*

## **Robotics Camp**

*Ages 9-11 • Grades 4-6*

\$999 per student

**SLEEPAWAY PACKAGE:**  
10% off each additional consecutive session; no extended-stay fees charged for the weekend between sessions.

## **Robotics Academy**

*Ages 12-14 • Grades 7-9*

\$999 per student

**SLEEPAWAY PACKAGE:**  
10% off each additional consecutive session; no extended-stay fees charged for the weekend between sessions.



**ROBOTICS BADGE  
AVAILABLE**



Trainees learn the ethics and responsibilities of personal data security for safeguarding professional networks and the challenge of an expanding internet of things.

# CYBER SECURITY

*Build computers and networking systems*



**6**  
DAY *All meals  
and lodging  
are included.*

Weeklong programs begin on Sunday afternoon with graduation Friday morning.

Programs are aligned to Next Generation Science Standards and National Education Mathematics Standards.

**www.spacecamp.com**  
**1-800-637-7223 or 256-837-3400**

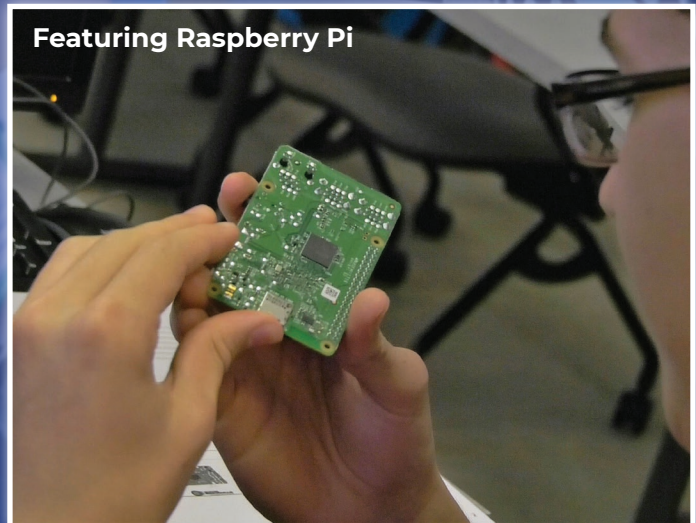
## **U.S. Cyber Camp**

*Ages 15-18 • Grades 10-12*

Check [spacecamp.com](http://spacecamp.com) for availability.

*Due to program activities involving access to Redstone Arsenal, a U.S. federal and military installation, participants must be U.S. citizens.*

### **Featuring Raspberry Pi**





# BEHIND THE SCENES AT SPACE CAMP

*More than 800,000 graduates from all 50 states and 150 countries*



*Inspiring and  
motivating  
students and  
adults since 1982*





Habitat 1



Compressed sleeping quarters to simulate life on the ISS



# SLEEP ON SITE

Go for the immersive experience! Sleep on site in our Habitats. Lodging is included in Camp pricing.

Habitat 2



Bay-style sleeping quarters



Habitat 3



Space Camp Resident Advisors (RAs) are on-site 24/7.





# EAT, SLEEP, BE HEALTHY

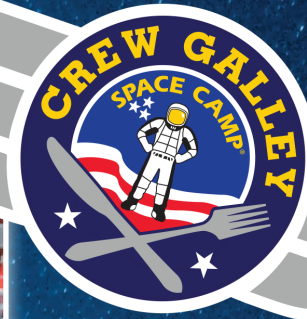
*On-site dormitories, cafeteria and nursing staff*

## CREW GALLEY



Individual attention to special diets

NOURISH THE GALAXY



Dine in the Crew Galley. Menus feature foods from countries that partner on the International Space Station, along with plenty of fruits, vegetables and American favorites. Meals are included in Camp pricing.

## NURSES STATION



Nurses are staffed 24-hours-a-day if trainees in 6-day programs are present. Otherwise, nurses are staffed for museum hours (9 a.m. – 5 p.m.)





Elevate your understanding in  
an Extravehicular Activity (EVA)



Students learn teamwork in  
simulated space missions



Navigate a tumble in  
the Multi-Axis Trainer



# IMMERSIVE SPACE COMPLEX

*Experience astronaut training in our world-renowned Mission Center Complex.  
Our simulators are patterned after those used by NASA.*

- Hands-on astronaut training simulations
- All meals and lodging included in Camp pricing
- Two-day, three-day and six-day sleepaway programs available



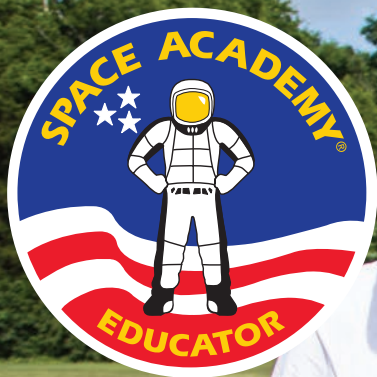
*Space Camp® is at the U.S. Space & Rocket Center®, Official Visitor Center for NASA Marshall Space Flight Center in Huntsville, AL*



Educators spend five days networking with fellow teachers and participating in NASA-infused, hands-on activities.

# EXCITING EDUCATOR DEVELOPMENT

*Lesson plans that apply in your classroom*



**UA**  
THE UNIVERSITY OF  
ALABAMA IN HUNTSVILLE

**Education Credit**  
Participants can receive  
up to 45 hours of  
continuing education credit.



**6  
DAY** All meals, lodging  
and a free flight  
suit are included.

The price includes meals and lodging on the nearby campus of the University of Alabama in Huntsville (UAH). Daily transportation to and from the UAH dormitory to the U.S. Space & Rocket Center is provided.

[www.spacecamp.com](http://www.spacecamp.com)  
**1-800-637-7223 or 256-837-3400**

## Educators

JUNE/  
JULY ..... \$949 per person

Through the Sally Ride EarthKAM @ Space Camp program, students and educators from around the globe take part in a NASA-funded Earth observation experiment and request images of Earth directly from a camera aboard the International Space Station.



# WEEKEND ADVENTURES WITH FAMILY OR FRIENDS

Ages 7 to 100 – Enjoy an exciting family adventure or weekend getaway with friends! Family Camp and Adult Space Academy provide treasured memories that will last a lifetime.



## Space or Aviation\* Family Camp

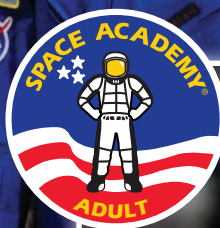
Ages 7+

\$948\*\* pair / \$349 each additional

Check-in midday Friday, spend the weekend on a simulated space mission, graduate midday Sunday.

This camp is designed to be an experience that includes at least one adult and one child between the ages 7 to 18.

\*Aviation Challenge Family Camp available summer only.



**All meals  
and lodging  
are included.**

[www.spacecamp.com](http://www.spacecamp.com)  
1-800-637-7223 or  
256-837-3400



## Adult Space Academy

Ages 18+

\$549 per person

Enjoy astronaut training simulators and an interactive simulated space mission during this three-day immersive camp experience. You'll be the envy of your office on Monday!



## Go for the full adventure Adult Advanced Space Academy

Ages 18+

NOV. 4 - 9, 2018 .....\$1,299 per person

Launch on a simulated mission to Mars in an Orion capsule and learn about NASA and commercial space exploration initiatives in this six-day, five-night camp experience.



We have customer service representatives on staff who  
and helping with planning

# TOP 10 THINGS

Call 1-800-637-7223 or 256-837-3400



Find more information on a range of topics including housing, dining, counselors, frequently asked questions, and safety and security procedures at [spacecamp.com](http://spacecamp.com).

1. Space Camp is at the U.S. Space & Rocket Center, the Official Visitor Center for NASA Marshall Space Flight Center in Huntsville, Alabama. This is the original and only Space Camp in the world. The program has licensed Space Camp programs in international locations and has graduated more than 800,000 trainees since the program began in 1982.
2. Space Camp changes lives. In a recent survey of alumni, 96 percent of graduates said their camp experience increased their interest in STEM topics.
3. Space Camp trainees have come from all 50 states and 150 countries. During this premiere residential STEM camp experience, students will meet and interact with a diverse group of peers with like-minded interests. Each year, we host more than 2,500 students from countries such as Australia, China, United Kingdom, Costa Rica, UAE, Canada and India.






take pleasure in answering your questions and registration.

# YOU NEED TO KNOW!

*to speak with customer service representative*

- 
- A group of students wearing blue NASA jumpsuits are walking through a museum or exhibition space. In the background, there is a large blue structure, a white car on display, and a tall rocket model. The students are smiling and looking around. The text is overlaid on the bottom half of the image.
4. Space Camp curriculum includes cutting-edge training and missions based on current initiatives of both NASA and private-sector companies.
  5. Ten graduates of Space Camp have gone on to become astronauts, one of the most rigorous and difficult professional accomplishments.
  6. Space Camp offers programs for everyone, including customized options for students who are deaf or hard of hearing, or blind or visually impaired. It provides an inspiring opportunity for hands-on training in a unique setting outside the classroom for all students interested in science, technology, engineering and math. Students will meet astronauts and legendary historical figures in space exploration during their time at Camp.
  7. Space Camp provides students with a platform for personal growth and development, including cultivating leadership skills, creative problem-solving skills, teamwork and self-confidence among both peers and adults.
  8. Camp programs are all-inclusive, with on-site lodging in the dormitories, called Habitats, and meals in the dining hall, called the Space Camp Crew Galley.
  9. Our exciting camp programs begin as early as 7 a.m. and keep students engaged until bedtime. Exercise and fitness are also promoted each day, often paired with a teambuilding activity.
  10. Many of our Space Camp graduates have been coming to Space Camp for years. We have an alumnus who has attended 17 consecutive camps!



# MEET OUR ALUMNI

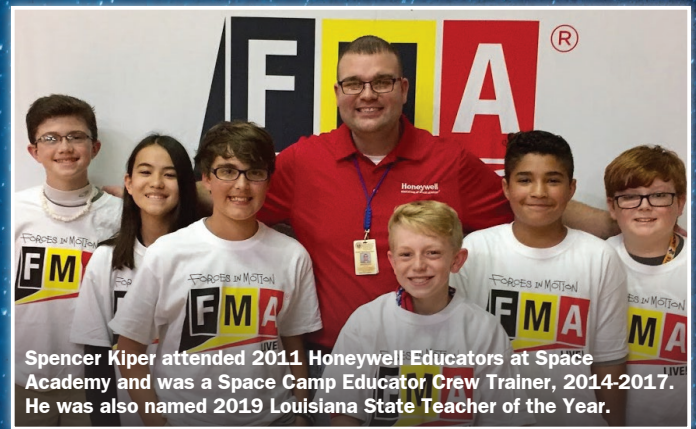


Dr. Serena Auñón-Chancellor, astronaut, attended Advanced Space Academy at age 16

Dr. Serena Auñón-Chancellor's Space Camp mission position as medical officer was prophetic. Twenty-five years after her trip to Space Camp, Serena launched in June 2018 on a Soyuz rocket as a member of Expedition 56/57 to the International Space Station. Space Camp was a 16th birthday gift for Serena, and she is now an astronaut with a bachelor's degree in electrical engineering from The George Washington University and she attended medical school at the University of Texas – Health Science Center at Houston. She is board certified in Internal and Aerospace Medicine and was a flight surgeon to both space shuttle and ISS astronauts before being selected for the 2009 Astronaut Class. Serena has searched for meteorites in Antarctica and operated the Deep Worker submersible on the NEEMO 16 mission. She also served aboard the Aquarius underwater laboratory during the NEEMO 20 undersea exploration mission.

"When the opportunity arose to come to Space Camp as an educator, I jumped at the chance. My most memorable moments at Camp were during our missions. As the commander for our Orion mission, I got to enjoy being a leader to other teachers from around the world.

Space Camp was a fantastic experience that doesn't stop at graduation. I take my knowledge and try to embed it in what I do in the classroom, to keep the experience alive. Ultimately, I gained a better understanding of the importance of global education. I feel incredibly fortunate for the opportunity, and I continue to incorporate these values in the classroom."



Spencer Kiper attended 2011 Honeywell Educators at Space Academy and was a Space Camp Educator Crew Trainer, 2014-2017. He was also named 2019 Louisiana State Teacher of the Year.



Alicia Carroll, attended Space Academy at age 14

"My former 8th grade teacher first encouraged me to try to apply to Space Camp by applying to the National Society of Black Engineers (NSBE) scholarship.

Space Camp's educational activities gave me the ability to see unknown possibilities in science, technology, engineering, art and math (S.T.E.A.M.) through hands-on experiments, tools, simulations and projects led by great counselors and peers.

I am honored to say Space Camp greatly inspired me in the career I have 25 years later. Today, I am a part of NASA's human spaceflight programs."

## ALUMNI SURVEY



Percentage of Space Camp graduates who said their camp experience increased their interest in STEM topics



Percentage of Space Camp graduates whose camp experience influenced them to take more STEM classes



Percentage of Space Camp graduates who are currently in or studying for careers in aerospace, defense, energy, education, biotech or technology



Percentage of Space Camp graduates who said their camp experience inspired their decision to enter a STEM field



### Reconnect with Camp: Join the Alumni

If you're one of Space Camp's and Aviation Challenge Camp's more than 750,000 alumni, we want to hear from you. Our alumni and the amazing contributions they are making in their careers and to their communities are the "fuel in our tank" as we prepare current and future generations of trainees for their lives after Camp.

Register at [SpaceCampAlumni.com](http://SpaceCampAlumni.com) and sign up for our newsletter and share YOUR alumni story. You can even get involved with exciting projects and initiatives benefiting trainees of today and tomorrow!



# OFFICIAL SPACE GEAR®

YOUR ONE-STOP SHOP  
FOR ALL THINGS SPACE

\$99

## A. AUTHENTIC FLIGHT SUIT

Order the official flight suit for your Space Camp®, Space Academy® or Aviation Challenge® Camp adventure! These flight suits are representative of what real astronauts and jet fighter pilots wear and both come with official patches and your personalized leather name badge!

Flight suit

Youth sizes: 10-20, Adult sizes: S-XXL

\$135

## B/C. CLOTHING SET

We've combined our most popular clothing into one complete package! Tops are customized with the logo from your camp program. Space Camp set includes t-shirt, shorts, hooded sweatshirt, sweatpants and a backpack. Aviation Challenge Camp set includes t-shirt, hooded sweatshirt, camouflage pants and a knapsack.

Space Camp

Youth size: L, Adult sizes: S-XXL

Aviation Challenge Camp

Youth size: L, Adult sizes: S-XXL

\$50

## D. T-SHIRT SET

Pack light! Have t-shirts waiting for you at check-in. This package features four custom t-shirts packed in a drawstring cinch bag.

T-Shirts

Youth sizes: L, Adult sizes: S-XXL

\$15  
each

## E. CUSTOM TEAM PATCHES

(available after registration)

The team patch will be customized with the team members' names. Patches may be pre-ordered or ordered by the trainee at camp. Patches will be ready at graduation. Available only for weeklong camps.

\*In the event a style shown is not available, a comparable item will be substituted.



## CONTACT US

phone (800) 637-7223

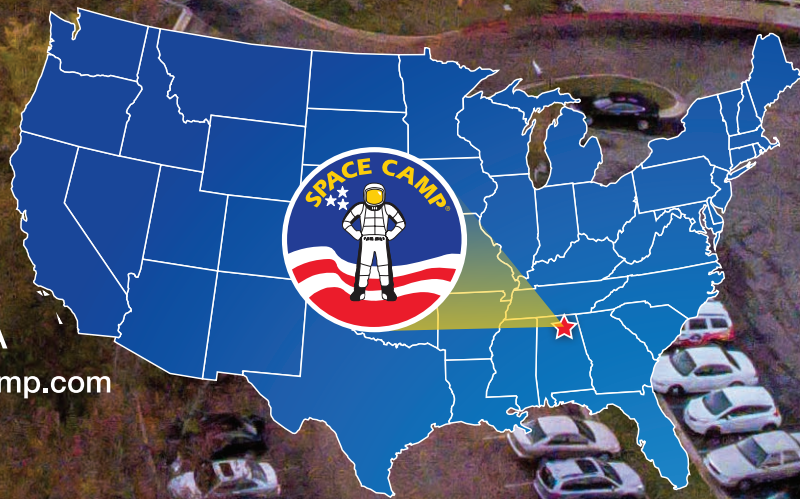
All clothing ordered will be distributed at camp. When placing your order, please provide size. Upon arrival, all trainees are sized to ensure proper fit.



SpaceCampUSA



# WELCOME TO THE ROCKET CITY!



SpaceCampUSA

1 Tranquility Base • Huntsville, AL • [www.spacecamp.com](http://www.spacecamp.com)

(800) 637-7223

Photo courtesy of Adam Harland  
at Harland Aerial Photography