

AVIATION CHALLENGE ■ SPACE CAMP ■ X-CAMP

# program GUIDE

2009



SPACE CAMP

X-CAMP



AVIATION  
CHALLENGE





# X-CAMP AGES

# 12-16

**If you love spending time outdoors and live to be challenged, X-Camp is for you! Join us for a week of activities guaranteed to make your pulse pound and your heart race!**

**Summer  
(May 24 – Aug 16, 2009)  
\$699/person**

**\$50 Registration fee will be applied**

X-Camp is a leadership training program centered around extreme outdoor challenges and activities. Many elements of this program are similar to the preparation space shuttle and aviation crews experience prior to active flight status. Teambuilding and communication are integral components of this experience. Some activities follow the guidelines and requirements needed to earn merit badges, as set forth by the Boy Scouts of America. Listed below are the partial to full merit badge activities that will be incorporated (\*denotes partial completion):

- Astronomy\*
- Aviation\*
- Backpacking\*
- Camping\*
- Canoeing
- Climbing\*
- Fire Safety\*
- First Aid
- Lifesaving\*
- Orienteering\*
- Space Exploration
- Swimming\*
- Wilderness Survival

## High Ropes Course



Are you ready for some outdoor excitement that allows for personal achievement and team support? Want to climb, rappel, slide and leap through the air to experience the exhilaration of accomplishing something you never thought you could? If so, X-Camp's high rope facility is for you! **CHALLENGES INCLUDE:**

## The Climbing Tower

The Climbing Tower soars 42-feet and involves three very different experiences: Climbing Wall, Rappel Platform and 380- foot Zip Line. X-Campers will climb the steeply-inclined wall individually or tethered together in 2 to 3 person-groups. Then, either rappel off the platform or slide down the zip line to reach terra-firma. Relying

on others for support, communication and attention to detail is critical for ultimate success.

## The Pole

This event requires participants to climb a 32-foot pole, stand on the top and ultimately leap off the edge to reach a suspended rope. Whew! Makes the heart race! Think of the emotions you will feel while climbing the pole (yes, you can do this!), balancing on top of the pole (wow!), feet on the edge (gulp!), focusing on the objective (smile!)... you've come this far... your team is encouraging you from below...can you reach for it?

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- choose your track: Space, Space & Aviation or Space & Robotics

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- Astronaut Training for ages 12-14,
- choose your track: Space, Space & Aviation or Space & Robotics

### 8 Advanced Space Academy

Astronaut training for ages 15-18, experience extended duration missions!

Choose your track: Pilot, Mission Specialist, or Pilot with SCUBA\*

\* Not offered in the summer

## PARENT/CHILD CAMPS

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- You and your child experience space exploration together. Ages 7-12.

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**The Davidson Center for Space Exploration is like no other in the country. In its 476 foot long, 90 foot wide and 63 foot high structure, suspended 10 feet above the floor, is a national historic treasure, the mighty Saturn V, restored to its Apollo era readiness.**



# SPACE CAMP AGES 9-11

**Space Camp- 6 Days/  
5 Nights (Ages 9-11).**  
*Nine-year-olds must  
currently be attending or have  
completed 4<sup>th</sup> grade.*

**Summer  
(May 24 – Aug 16, 2009)  
\$799/person  
Spring - \$749/person  
Fall/Winter – Call for tuition  
Pioneer Program (Summer  
only) - \$399/person**

**\$50 Registration fee will be applied**

**New**  
for 2009  
**Lego® Mindstorms NXT**

Available in the  
Space & Robotics  
track!

Want to know what it's  
like to train like an astro-  
naut?

- Lift off at 4 Gs and experience weightless-ness on our Space Shot™ simulator
- Learn the real Moon Walk using our 1/6 gravity simulator
- Build your own rocket and launch it towards space from our Rocket Launch facility
- Tumble and spin in the Multi Axis Trainer – just like the Mercury Astronauts
- Experience a world without friction in our MMU- Manned Maneuvering Unit
- Lift off in one of SPACE CAMP's Shuttle Simulators, or command or support everything from our Mission Control Center. Live and work in SPACE CAMP's International Space Station simulator

## Choose Your track! (Summer Only)

- Space
- Space / Aviation
- Space / Robotics track

Tracks are limited and booked on a first-come, first-serve basis. Wait lists for tracks are not available.



## Track Specific:

### Space

- Prepare for Interplanetary travel!! Take a trip to Mars and study its soil, geology and climate to help determine where astronauts should colonize in the future
- Maintain Life Systems on board Mars Outpost
- More mission time!

### Aviation

- Learn how to fly an F-15 fighter jet then hop in the commander's seat of the Space Shuttle to bring your crew in for a smooth landing
- Learn land and water survival techniques that can be applied to real life situations
- Learn the skills American fighter pilots use to rule the skies



### Robotics

- Design, program and build your own robot to deliver crucial oxygen, deploy satellites, and rescue stranded astronauts on the International Space Station
- Work with your four- or five-man team to create the ultimate robotic rover. Test your creation and compete with other teams to save stranded astronauts and deliver supplies

## Pioneer Camp (Summer Only)

- The ultimate mini experience for campers ages 9-11 who want to be an astronaut! Journey into space and train like an astronaut in our realistic Mission Control Center. The 2-night program begins every Monday, Wednesday and Friday of the summer. This program begins on the day of arrival at 1:00 p.m. CST and ends at 1:30 p.m. CST on the day of departure. (Summer only: May 24-August 22, 2009)







# MACH I AGES 9-11

Ever wondered what it's like to be at the controls of a high-performance fighter jet...Come to AVIATION CHALLENGE and find out!

- Master "Top Gun" flying maneuvers in our F/A-18 Simulators
- Learn the basics of air-to-air and air-to-ground fighter tactics
- You can survive the crash...learn critical land and water survival skills
- Use teamwork to compete in weeklong skills competitions
- From pre-brief to debrief, each mission is jam-packed with high-performance fun
- Pit your skills against teammates and advance to the TOPGUN finals where the best meet the best, but only one can emerge victorious

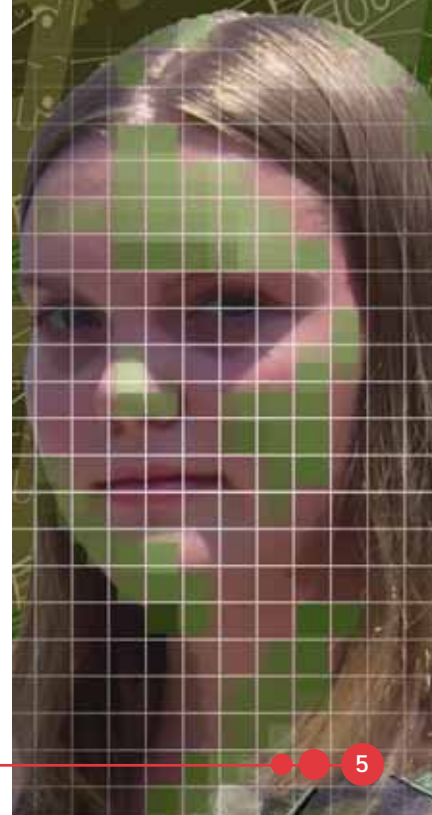


**Mach I - 6 Days/5 Nights  
(Ages 9-11). Nine-year-olds must currently be attending or have completed 4<sup>th</sup> grade.**

**Summer  
(May 24 – Aug 16, 2009)  
\$799/person  
Fall/Winter— Call for tuition**

**\$50 Registration fee will be applied**

*\*This is a military-style program that uses simulated combat scenarios*



# SPACE ACADEMY AGES 12-14

**Space Academy - 6 Days/  
5 Nights (Ages 12-14)**

**Summer**  
(May 24 – Aug 16, 2009)  
**\$899/person**  
**Spring - \$749/person**  
**Fall/Winter – Call for tuition**

**\$50 Registration fee will be applied**

**New**  
for 2009  
**Lego® Mindstorms NXT**

**Available in the  
Space & Robotics  
track!**

Are you ready to be an astronaut? Do you think you have the right stuff? Come fly with us in our most realistic Academy program yet...you could be the first astronaut to step foot on the Red Planet!

## Astronaut Training

- Train like the pioneers of Mercury, Gemini, and Apollo
- Tumble and spin in the Multi-Axis Trainer; Float on air in the 5-Degrees of Freedom Chair; Walk like Apollo astronauts in the 1/6<sup>th</sup> Gravity Chair;
  - Experience a world without friction in the MMU – Manned Maneuvering Unit
  - Challenge yourself and support your team at our Area 51 Low Ropes Course
  - Enjoy water activities in Summer months: Helo dunker, life rafts, Helo Lifter
  - Build and launch your own model rocket

## Mission Control Center Crew

- You Are “Houston!”
- Monitor all situations and command the mission from the ground
  - Train on our mission floor for Space shuttle missions to the International Space Station



**Track Specific:**

## Space\*

- Complete an additional Space Shuttle/Space Station Mission as a member of a different crew – Mission Control, Space Shuttle or Station
- Design your own space station in the computer lab
- Find out how to locate the ISS and other objects of interest in the night sky

## Aviation

- Learn what it takes to be a pilot and an astronaut all in one program as you experience the best of SPACE ACADEMY and AVIATION CHALLENGE
- Learn the land and water survival tactics crucial to astronauts and pilots alike
- Get up close and personal with an F-14, F-16, T-38 and more as you learn the principles of flight

## Space Shuttle Crew

- Members** – train in one of two areas on the Shuttle:
- Pilots/Commanders – take over the cockpit that makes this bird fly
  - Mission Specialists – Walk “in space” on an EVA (Extra Vehicular Activity) to repair the Hubble Space Telescope or build a structure capable of holding the ISS Solar Array

## Space Station Crew Members

- Live and work in space operating the Station’s life support, crew/equipment support systems
- Perform scientific experiments focusing on polymers and soil samples from Earth, Mars, and the moon

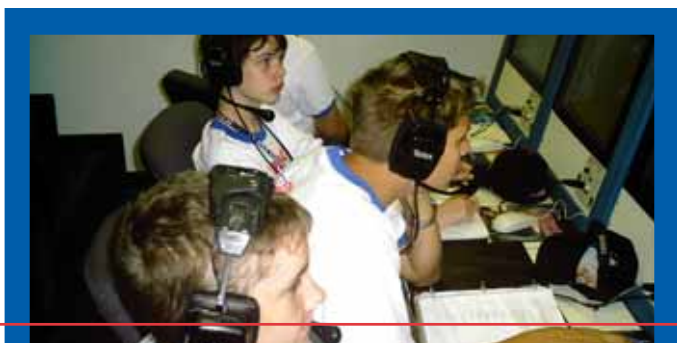
## Choose Your track! (Summer Only)

- Space
- Space / Aviation
- Space / Robotics track

Tracks are limited and booked on a first-come, first-serve basis. Wait lists for tracks are not available.

## Robotics

- With your 4- 5-man team, design, build and program your own Lunar Robot
- Recover Apollo artifacts, deliver habitat modules and retrieve valuable Helium 3 pods from the lunar surface
- Test your creations and compete with other groups to save stranded astronauts and deliver supplies to the Space Station





# MACH II AGES 12-14

Ready for some action?  
Cool under pressure?  
Focused? Confident in  
your abilities to get the  
job done...then AVIA-  
TION CHALLENGE  
MACH II is for you!

## Flight Training

- Strap into an F/A-18 Super Hornet and test your skills in a dogfight
- Learn the basics of air-to-air and air-to-ground fighter tactics
- Compete as a team for the coveted "Red Flag" award given to the most outstanding team
- Test your new-found skills in the Top Gun Competition



## Search and Rescue

- Get a taste of what it's like to be a part of a Navy Seal team on a search and rescue mission

- Find the downed aircraft and recover TOP SECRET documents

## Survival

- Learn critical lifesaving skills in a "real-world" course
- Build shelter and fire for survival
- Learn from experienced pilots the land and water survival skills necessary to stay alive



**Mach II - 6 Days/5 Nights  
(Ages 12-14).**

**Summer  
(May 24 – Aug 16, 2009)**

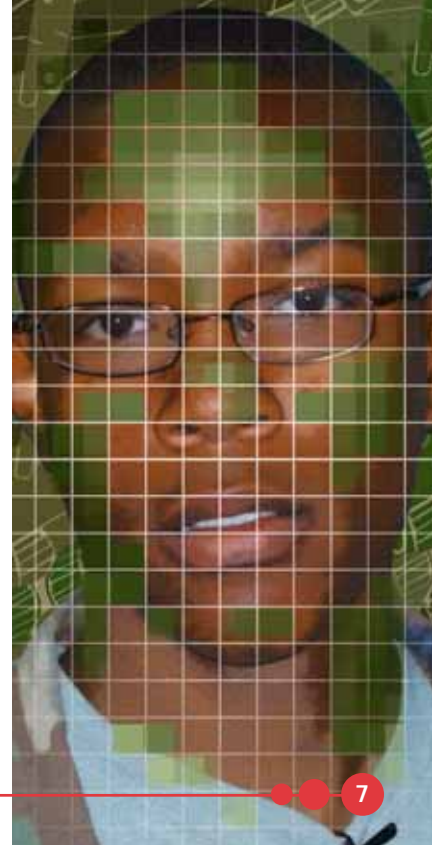
**\$899/person**

**Spring - \$749/person**

**Fall/Winter – Call for tuition**

**\$50 Registration fee will be applied**

*\*This is a military-style  
program that uses simulated  
combat scenarios*





# ADVANCED SPACE ACADEMY AGES 15-18

**Advanced Space Academy - 6 Days/ 5 Nights (Ages 15-18; students older than 18 years or have completed a semester of college are not eligible to attend this program)**

**Summer (May 24 – Aug 16, 2009)  
\$999/person  
Spring - \$849/person  
Fall/Winter – Call for tuition**

**\$50 Registration fee will be applied**

*Note: Pilot Track campers do not SCUBA dive*

Considering a high-tech career? Ready for more... you'll love ADVANCED SPACE ACADEMY! This newly expanded program is designed to challenge you both mentally and physically.

- College-accredited program through the University of Alabama-Huntsville (UAH) for one hour of general science credit. Credit may be transferred to another college or high school to be part of your official transcript
- Challenge yourself on the low and high ropes at our new, state of the art facility. Can you handle being suspended 40' in the air?



## Mission particulars

- Advanced Space Academy offers in-depth SCUBA training for Mission Specialist track trainees (for EVA simulation).
- IMPORTANT:** *Certain medical conditions may prohibit camper from diving*
- Advanced Space Academy offers leadership training to help prepare you for challenging Shuttle missions.
- Visit our special, top-secret "Area 51" and quickly learn the importance of teamwork

## Astronaut Training

- Train like the pioneers of Mercury, Gemini, and Apollo
- Tumble and spin in the Multi-Axis Trainer or walk like Apollo astronauts in the 1/6<sup>th</sup> Gravity Chair
  - Challenge yourself and support your team at our Area 51 High Ropes Course
  - Enjoy water activities in Summer months: Helo dunker, life rafts, Helo Lifter
  - Build and launch your own model rocket

## Choose your track!

- Mission Specialist
- Pilot
- Pilot w/SCUBA\*

## Mission Specialist

- Get closer than ever to what it's like to be an Astronaut through specialty training in the Underwater Astronaut Trainer (UAT)
- Perform critical EVAs (Extra Vehicular Activities) to repair satellites or the Hubble Space Telescope
- Conduct scientific experiments aboard the International Space Station
- Be part of Mission Control's Tiger Team to recreate anomalies to challenge your crew

## Pilot (Summer Only)

- Strap into our Jet Fighter Simulators to get the flight time you need to Pilot/Command the Space Shuttle
- Specialize in radio signal tracking techniques to locate downed aircraft
- Take over the cockpit that makes the Orbiter fly

## Pilot/SCUBA\* (\*Spring and Fall Only)

Your training follows that of the Pilot track – but instead of training in the jet fighter simulators, your extra training will take place in the Underwater Astronaut Trainer





Ready to take your interest in jet fighters to a higher level...literally? AVIATION CHALLENGE MACH III is YOUR program! Get ready to put your skills to the ultimate test!

### Flight Simulators and Competition

- Test your individual abilities as well as your ability to work as a member of the Squadron
- Learn the fundamentals of flying an F-15 Eagle in our state of the art Simulators
- Compete in dogfights in AVIATION CHALLENGE's most advanced simulators
- Be part of the Medusa Squadron and prepare for competition RED FLAG – combining flight, land, and water survival

### Land & Water Survival

- Experience a parachute splashdown on our 100 foot Zipline
- Survive a crash at sea in the Helo Dunker
- Take part in advanced escape and evasion techniques
- Learn the land and water survival skills critical to fighter pilots

### Principles of Flight

- Plan and execute a mission with an under-



standing of aeronautics, aerodynamics and jet propulsion

- Learn history from a true fighter pilot
- Experience a high "G" turn in the Centrifuge

# AGES

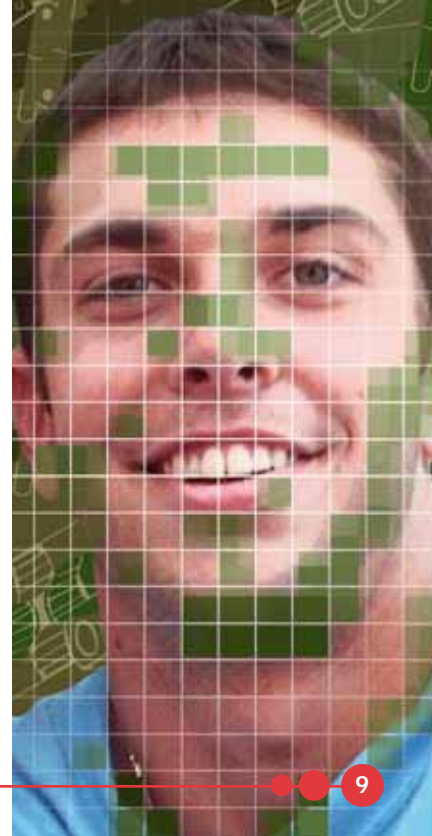
# MACH III 15-18

**Mach III - 6 Days/5 Nights**  
(Ages 15-18; students older than 18 years or have completed a semester of college are not eligible to attend this program)

**Summer**  
(May 24 – Aug 16, 2009)  
**\$999/person**  
**Fall/Winter— Call for tuition**

**\$50 Registration fee will be applied**

*\*This is a military-style program that uses simulated combat scenarios*



# PARENT/CHILD AGES 7-12

**Our Parent/Child camps are designed to bring you and your child, or children, together for a unique and exciting educational experience. It's a weekend just for the two, three, or four of you that provides an opportunity to become partners in learning. We don't just talk about quality time – we practice it!**

*4-day programs are available on selected holiday weekends.*

*\$50 registration fee applies*

*Parent/Child pairs are housed in the same facility.*

## Parent/Child Space Camp

- Catch a glimpse of the exciting world of Space exploration while experiencing very real space simulations
- Watch the rocket that you and your child built soar into space
- Share the pride your child will feel while maneuvering the orbiter through space
- Train like the pioneers of Mercury, Gemini, and Apollo - Walk like Apollo astronauts in the 1/6<sup>th</sup> Gravity Chair; Experience a world without friction in the MMU – Manned Maneuvering Unit
- Work side-by-side as you and your youngster complete a Space Shuttle Mission that is as close to the real thing as



we can make them – yet age appropriate for ages 7-12

## Parent/Child Aviation Challenge

- Share your love of aviation with your youngster
- Train side-by-side like real jet fighter pilots
- Work as teammates to hear the words...*Mission Accomplished!*
- Master "Top Gun" flying maneuvers in our F/A-18 Simulators
- Learn to be a survivor after you complete Aviation Challenge land and water survival

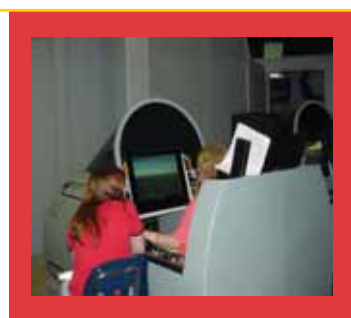


## MORE FUN & LEARNING

Our Parent/Child program is a weekend of nonstop activities. Together, you will explore the past, present and future of space flight and experience our giant-screen IMAX® theater. Tuition includes meals, educational programs and materials, accommodations and T-shirts for both of you. Parents and children of different genders will be housed together.

## Session Dates

Camp sessions are offered Friday-Sunday. Check-in and graduation times are listed on our website: [www.spacecamp.com](http://www.spacecamp.com) Please check our website frequently prior to your camp session for up-to-date check-in and graduation information.



## Tuition 3-day/ 2-Night PROGRAM

Parent/Child SPACECAMP: \$399 per person (\$798/pair)  
(Other combinations are available during seasonal and holiday periods)

Parent/Child Plus 1: \$1048  
(Parent, Child + 1 Additional Family Member)

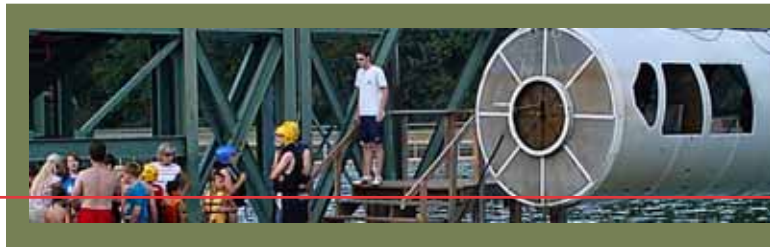
Parent/Child Plus 2: \$1198  
(Parent, Child + 2 Additional Family Members)

## Tuition 4-day/ 3-Night PROGRAM

Parent/Child SPACECAMP: \$449 per person (\$898/pair)  
(Other combinations are available during seasonal and holiday periods)

Parent/Child Plus 1: \$1198  
(Parent, Child + 1 Additional Family Member)

Parent/Child Plus 2: \$1398  
(Parent, Child + 2 Additional Family Members)







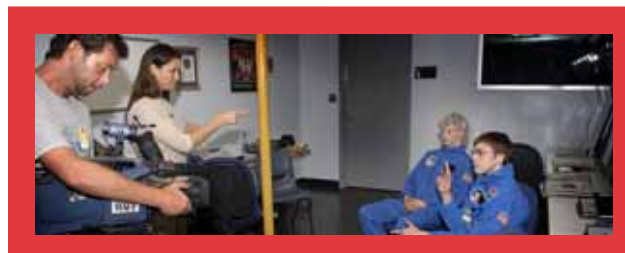
# Deaf & Visually Impaired **AGES 9 & UP**

Over the years, we have worked closely with several organizations, including the Alabama Institute for the Deaf and Blind, the West Virginia Schools for the Deaf and the Blind, and most recently, the Western Pennsylvania School for the Deaf, to

develop a meaningful, inspirational experience for these students. Program highlights may include a presentation by blind and/or deaf NASA professionals on career choices and working in the space industry. Enlarged print, sign language interpreters,

attention to mobility hazards and other special considerations are extended to put trainees at ease. Blind students also benefit from the latest technology in the field, including tactile Braille displays and synthetic speech for computers.

**Our SPACE CAMP and AVIATION CHALLENGE programs — specifically designed for blind, visually-impaired, deaf and/or hard-of-hearing attendees — have attracted students from across the United States and from around the world.**



## **SPACE CAMP/AVIATION CHALLENGE programs for hard-of-hearing students**

For more about SPACE CAMP and AVIATION

CHALLENGE programs for hard-of-hearing students, contact Amy Newland at (412) 371-7000, or visit: [www.spacecamp.com/deaf](http://www.spacecamp.com/deaf)

## **SPACE CAMP for Visually-impaired Students**

For more information about SPACE CAMP for Visually-impaired Students (SCI-VIS), contact Dan Oates at (304) 822-4883 office, (540) 539-8768 cell, or e-mail: [scivis@atlanticbb.net](mailto:scivis@atlanticbb.net)

Visit SCI-VIS web site at the Texas School for the Blind & Visually Impaired at: [www.tsbvi.edu/space/](http://www.tsbvi.edu/space/)

For session dates, call 1-800-63 SPACE ext. 7217 or visit us online at: [www.spacecamp.com](http://www.spacecamp.com)



# Who Are We?

Space Camp®, Aviation Challenge®, and X-Camp are all part of the U.S. Space & Rocket Center (USSRC). The USSRC is an entity of the State of Alabama. It is governed by the Alabama Space Science Exhibit Commission. Space Camp opened in Huntsville, AL in 1982, with the Aviation Challenge program beginning operations in June of 1990. The USSRC rolled out the X-Camp program in 2007. The USSRC, Space Camp, Aviation Challenge, and X-Camp are primarily self-sufficient with added support from corporate partners. The USSRC is the official NASA Visitor Center for the Marshall Space Flight Center (MSFC) and receives no direct federal funding for operational support. NASA/MSFC does, however, supply technical assistance and expertise.

## Age/Grade Appropriateness

- Curriculum is age appropriate and grade specific
- Every effort is made to team trainees by age/grade level
- We depend on you to enroll your child in the camp that corresponds with his/her age/grade requirements

## Counselor Training & Qualifications

- A minimum of two years of college, or equivalent experience is mandatory
- Every potential counselor must pass a comprehensive background check, pre-employment attitude test and drug screening prior to employment
- While many counselors have their education degree, others have degrees or are pursuing degrees in business, science, math, engineering or liberal arts
- Once employed, counselors receive extensive training in program facts and history, simulator safety and opera-



tion, proper discipline techniques, and age-specific behavioral characteristics

- Counselors are closely supervised by management and we encourage parents to meet the program staff at registration and graduation

## Security & Safety

- Camp supervisory staff and separate uniformed security staff are on site 24 hours a day, seven days-a-week when camp is in session to ensure the campers' safety
- Security of personal items is the camper's responsibility
- Do not bring items of high value to camp (cell phones, DVD players, etc)
- Most hallways and

common areas are monitored by security cameras

- Each simulator is built to the highest standard and is safety-checked daily and maintained by our professional technicians
- Simulators used in program curriculum have a maximum weight of 260 pounds per person

## Medical Staffing

- Medical staff is on site 24 hours daily for all weeklong youth programs
- All medications (prescriptions, over-the-counter, vitamins, herbal) are collected during registration and dispensed as directed by the parent or prescribing physician
- Medications must be in original containers with labels and instructions in English
- Campers requiring injections must provide medications, syringes and legible, signed instructions from your physician
- Medical-related questions may be directed to the Nursing Staff at 256.721.7162





**\*All camp purchases must be paid in full 60 days (Eight weeks) in advance.**

### Special Accommodations

- Every effort is made to accommodate individuals with special needs, including hearing or visually impaired, those with special dietary requirements or individuals in wheelchairs
- To learn more about our capabilities, please call our Nursing staff at 256.721.7162 or our dietary staff at 256.721.7139
- We require advance notice on our health form if a camper is a special-needs attendee.

### Housing

- Campers are housed in the Space Habitat in individual rooms of up to seven persons or bays of 20-40 beds
- The Habitat complex accommodates 800 people at full capacity so a certain amount of noise can be expected
- The Aviation Challenge Hanger houses up to 30 campers in each of its military-style bays.
- Counselors are housed adjacent to each bay
- Bed sheets, blanket, pillow and pillowcase are provided for our weeklong campers. Towels/washcloths are not provided. Bring a beach towel for water activities
- Bring your own lock for your locker
- Restrooms are located throughout the complex with access to sinks, private shower stalls and private toilets

### Meals

- Breakfast, lunch and dinner are provided in

a common dining area from the afternoon/evening of arrival up to graduation

- We offer a variety of foods to appeal to different preferences
- We try to accommodate campers with health-related dietary restrictions and require a four-week advanced notification. Please contact us at 256.721.7139 or e-mail us at: [specialdiets@spacecamp.com](mailto:specialdiets@spacecamp.com)
- Do not send food with camper unless it is to accommodate health-related dietary needs. We do require a two-week advance notice, if the camper will be bringing food for health reasons
- Snacks and soft drinks are also available at various sites within the facility at camper's expense and counselor's discretion

### How to Register?

- Early registration for summer is encouraged
- **Via our website, [www.spacecamp.com](http://www.spacecamp.com)**
- Via our Senior Account Executives
- Via our Call Center, 1.800.63. SPACE (1.800.637.7223)

### Multi-Family Discount

Please visit our website for more information: [www.spacecamp.com](http://www.spacecamp.com)

### Scholarships

Please visit our website for more information: [www.spacecamp.com](http://www.spacecamp.com)

### Payment Options\*

"Super Seven Camps": (Week long summer pro-

grams - Space Camp, Space Academy, Advanced Space Academy, AC Mach I, AC MACH II, AC Mach III, and X-Camp): May 24-August 21, 2009

- Payment Option One: Pay in full plus the \$50 non-refundable registration fee
- Payment Option Two: Pay \$150 down using a credit card and the balance will be charged to the same card in 30 days. The \$50 non-refundable registration fee is charged
- Payment Option Three: Pay \$150 down using a credit card and the balance will be charged to the same card in two installments, 30 days and 60 days. The \$50 non-refundable registration fee is charged. There is a \$15 partial payment fee for this service, charged at the time of booking. All camps registered under this option must pay the partial payment fee
- Payment Option Four: Pay \$150 down using a credit card and the balance will be charged to the same card in three installments, 30 days, 60 days and 90 days. There is a \$15 partial payment fee for this service, charged at the time of booking. All camps



registered under this option must pay the partial payment fee

### Refund/Cancellation Policy

In the event that you must cancel your reservation, you will receive a refund as defined:

- Cancellation notice must be submitted in writing
- Registration fee is non-refundable
- Refund will be issued in the same manner payment was made
- 90% of tuition paid will be refunded if written notice is received no later than eight weeks prior to session start date
- Cancellations received within eight or less weeks of session start date forfeit full tuition
- Cancellation requests due to illness or accident prior to the camp session start date require a physician's written verification.





Upon receipt of verification, we will issue a full refund

- Cancellations due to personal reasons, etc., will not receive a refund
- Campers who leave during a session WILL NOT receive a refund

#### Transfer Requests

- All session transfer requests must be received no later than two weeks prior to scheduled start date
- Reservations made less than eight weeks prior to start date may request to transfer the camp if notification is given two weeks prior to scheduled start date

We reserve the right to cancel a session date if participation numbers are not adequate. You may select an alternative session date, or you may request a full refund of tuition paid. Cancellations of sessions will occur a minimum of four weeks prior to session.

#### Confirmation Packets

Please visit our website for more information: [www.spacecamp.com](http://www.spacecamp.com)

Your reservation is not confirmed and is subject to cancellation until all forms are received. SCUBA forms MUST

have required signatures. Remember: 4 weeks prior to start date.

#### AIRLINE TRAVEL

Do not make your airline reservations until you have a confirmed session date. Please alert the Transportation Supervisor at (256) 837-3400 Ext 7210 of any changes that you make to the camper's travel itinerary.

- Transportation Fee  
Airport transportation is provided EXCLUSIVELY to/from Huntsville International Airport for a fee of \$25.00. The fee is the same for round trip or one-way transportation.

We DO NOT provide transportation from airports other than Huntsville International.

- Unaccompanied Minor (UM) Service

With many recent changes regarding unaccompanied minor services within the airline industry,

**please check with a representative from your airline of choice or your travel agent for most current information.**

Helpful hints for flying UM to/from SPACE CAMP:

- Do not book your child's return home flight on the last connecting flight of that date. Most airlines will NOT allow an unaccompanied minor to fly out on the final connecting flight in the event of flight delays. Often children booked on the final connecting flight are returned to SPACE CAMP and are not allowed to fly until the following day. Check your flight times!
- Trainees are transported to the Huntsville Airport 2 hours prior to their scheduled departure time. If you would like to ensure that your child is able to participate in camp graduation ceremonies, make certain to book their return flight 3 hours after the scheduled graduation time (Example: your child's program is scheduled to graduate at 11:00am, the earliest flight time you should schedule is 2:00pm).



- Fly DELTA AIR LINES, an official airline of the U.S. Space & Rocket Center® in 2009 and enjoy exclusive discounts!

Discounts vary depending on the cabin and available airfare level. Avoid airline or agency booking fees, skip lines at the airport by issuing your own boarding pass at home and manage your flight itinerary.

To Make your Delta Air Lines Travel Reservations:

1. Click on the Delta Air Lines logo on our website
2. This will bring you to the Delta Air Lines website – where you can make your reservations and have your tickets issued
3. The applicable discount will automatically be applied and the total airfare noted, including all taxes and fees

**NOTE:** If you do not use our website and go to the [www.delta.com](http://www.delta.com) website directly you will not get a discount

#### EARLY ARRIVAL/ LATE DEPARTURE PROGRAM

(Not available for Pioneer Camp, Adult, or Parent/Child Programs)

If the camper's travel schedule requires arrival anytime on the day prior to the camp program start, or departure time on the day after the camp ends, a planned and supervised program is available. The EALD program includes all meals and lodging and is available for an additional \$79 per day. In many





cases arriving on the day prior to a camp session can significantly reduce the airfare cost. (Be sure to check with Delta Air Lines or an airline of your choice to obtain the best rates.)

Arrival should be scheduled no earlier than 2 p.m. the day prior to the session start date. Departure should be scheduled no later than noon the day after graduation.

### Arrival at Camp

- Campers arriving via air are greeted at the Huntsville International



airport by uniformed camp personnel with photo identification and transported directly to Space Camp/ Aviation Challenge

- Staff members collect airline tickets and re-confirm return flights
- Upon check-in, campers are encouraged to call home to let parents/guardians know they arrived safely

### Merchandise

Please visit our website for more information: [spacecampstore.com](http://spacecampstore.com)

### Camp Check In

- Check-in takes place on site the first session day
- We recommend that each trainee hand carry a copy of all completed forms
- Check your confirmation packet for specific program times

### Visiting the Camper

- To ensure your camper has a true "away from home" experience, we discourage visits while camp is in session
- Additionally, we strongly discourage cell phones while at camp and reserve the right to collect and hold until departure those that are used in a manner disruptive to the camp experience
- We do encourage parents to attend graduation ceremonies and will make special arrangements for visitations in case of family emergencies
- During registration, parents must designate who is authorized to visit or pick up the trainee. Proper identification is required at time of visit or pickup

### Graduation

- A formal graduation ceremony is held the last day of camp. Family members are invited. Call 1-800-60-SPACE or check our web site, [spacecamp.com](http://spacecamp.com), for graduation times

### Acknowledgements

- NASA: Space Camp gratefully acknowledges the continuing support of NASA and Marshal Space Flight Center in our education programs



- Huntsville Marriott is located on the grounds of the USSRC in Huntsville, AL and offers a graduation rate for parents of campers. *Based on availability. Call 1.888.299.5174 for rates.*
- Huntsville Embassy Suites Hotels & Spas offers Space Camp families. Use SCA as 3-letter code. *\*Some exceptions may apply*

7-night program, \$1,299/Person

- Aviation Challenge for Adults: weekend program, \$449/Person  
*\$50 registration fee applies.*

### Corporate Programs

It Takes a Team. Make It Happen! Corporate Space Camp® and Corporate Aviation Challenge® integrate the excitement of our nation's space and aviation programs with corporate development training to promote leadership and teamwork—all in a fun and inspiring environment. Available for both incentive and professional development purposes, our Corporate programs immerse participants in the role of astronaut or fighter pilot, by combining team activities, state-of-the-art simulated training and missions, outdoor challenge courses and classroom sessions. For more information, visit our website or call 1-800-894-2773

### Adult Programs

Admit it! You've always wondered how it would feel to train like an astronaut or a fighter pilot. Here is your chance! Both Space Camp® and Aviation Challenge® are offered to adults in the late summer/fall. The programs are listed below. Call your account executive for more information or visit our website.

- Space Academy for Adults: weekend program, \$449/Person
- Advanced Space Academy for Adults: 6-day/5-night program, \$899/Person OR 8-day/

# Student Impact

A survey of Space Camp graduates shows positive impact.

**Students cite their Space Camp experience as a changing force in their academic and career choices.**

**93%**

*Graduates take more science classes*

**91%**

*Graduates take more math classes*

**74%**

*Graduates learned about career options*

**Increase student's motivation to learn!**

## The World of Space Within the reach of Youngsters

Space Camp is a series of educational programs developed to motivate young people to study mathematics and the sciences while educating them about the history of space travel, all in an environment that promotes fun and excitement.

In the days that young people spend at Space Camp, they are immersed in activities that combine theory and practice. Activities include learning basic principles of propulsion, building and launching their own rocket and applying laws of motion in astronaut simulator training.

All programs have been designed by an education commission comprised of educators, aerospace experts, NASA representatives and veteran astronauts. Over 500,000 trainees of all nationalities have participated in

Space Camp since its inception in 1982.

Space Camp is a memorable experience where each day is filled with fun, educational activities. Students don't just hear about what astronauts do, they do what astronauts do, as they experience simulators patterned after those used by NASA.

In space, astronauts are exposed to unique physical conditions. They must adapt to a zero-gravity environment where performing even the simplest tasks become complicated.

Like astronauts, students experience a micro-gravity environment on simulators like the 1/6<sup>th</sup> gravity trainer, which simulates a walk on the moon's surface; and the multi-axis trainer, which simulates a tumble spin in a spacecraft.



## Educator Programs

Space Academy for Educators: 6-day Summer Program, \$999/Person

Have you ever wanted to experience the exciting missions and simulations of the Space Camp programs? Attend one of our programs for educators and not only gain the experience of the Space Camp programs but also professional development for your classroom. This professional development experience goes beyond any workshop you have previously attended. Space Academy for Educators provides approximately 40 hours of intensive classroom, laboratory and training time, focusing on space science and space exploration. Other programs are available. For more information, please visit our website at: [www.spacecamp.com/educators](http://www.spacecamp.com/educators).





# SCOOT-R

Space Camp Orientation & Operations Training Robot

SCOOT-R is classified as a T-Bot or Training Robot. His job is to train and guide Space Campers, like you, as they become the astronauts of the future!



## TOP SECRET/SCOOT-R COMES TO SPACE CAMP

SCOOT-R comes to Space Camp from the future of space travel! In the year 2025, humans have successfully gone back to the Moon and established a permanent base. While planning a trip to Mars and beyond, scientists realized they have a big problem. The voyage to Mars is a long and difficult trip and adults are just not tough enough! NASA realizes that in order to successfully travel to Mars and beyond, they must look to the next generation, and where better to look than Space Camp!

In a secret meeting, NASA asks Space Camp to identify the most accomplished campers from the last several years. These children will enter a secret training program known as SC2 (Space Camp 2) to become the next astronauts. Each child is paired with their own personal training robot or T-Bot to help them prepare them for this exciting mission to Mars and beyond!

*Original carbon*

T-Bots are cute, but they are also an impressive piece of machinery. Their Velinium Multi-chip memory package allows them to speak 9,356 languages, including Vlunglatarian from the Zloomga Galaxy. A compactable Khromite outer shell can withstand the extreme temperatures of space travel and holds over 400 helpful training tools. 360 degree rotational sensory vision allows a T-Bot to keep an eye on their Space Camper wherever they might go. T-Bots Rock!

Our T-Bot, known as SCOOT-R (Space Camp Orientation & Operations Training Robot), has been teleported to us from the future of Space Camp. His job is to train and guide today's Space Campers as they become the astronauts of the future! SCOOT-R can be a little mischievous, so watch out, we never know where he will turn up!

DO NOT REMOVE  
FROM SAFE

*July 4, 2025*



## "MUST HAVE" COOL GEAR

### AUTHENTIC FLIGHTSUIT \$80

Order the official flightsuit for your SPACE CAMP®, SPACE ACADEMY® or AVIATION CHALLENGE® adventure! These authentic-looking flightsuits are representative of what real astronauts and jet fighter pilots wear. The royal blue flightsuit comes with official SPACE CAMP and NASA patches. The olive drab AVIATION CHALLENGE suit also has official patches. All suits come with a customized leather name tag.

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

### CLOTHES for SUMMER & WINTER \$80

We've combined our most popular clothing into one complete package! Tops are customized with the logo from your camp program. Set includes one each of the following: T-shirt, Shorts, Sweat Shirt, Sweat Pants, Duffel Bag.

SPACE CAMP

Youth size L, Adult sizes S-XXL

SPACE ACADEMY

Adult sizes S-XXL

AVIATION CHALLENGE

Youth size L, Adult sizes S-XXL

### CAMP GIFT SHOP (256) 721-7120

All clothing ordered will be distributed during the first two days of camp. When placing your order, please provide a size. However, upon distribution, all campers are sized to ensure proper fit. If you'd like to receive your clothing prior to camp, please call the Camp Gift Shop at (256) 721-7120.

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



### CUSTOM TEAM MISSION PATCHES \$12 each

Colorful & CUSTOMIZED with YOUR team members' names! After arrival at camp on Sunday, trainees will have the opportunity to purchase a full-color, embroidered team mission patch, customized with their team members' last names. (Each team will select its design.)

Custom mission patches ordered on Sunday will be ready by graduation. Not available for 3-day, or Parent/Child Programs.



THESE ARE ONLY  
A FEW OF THE  
SEVERAL DESIGNS  
YOUR TEAM CAN  
CHOOSE!



# U.S. Space & Rocket Center Foundation

One Tranquility Base • Huntsville, AL 35805-3399

## CAMP PHONE LISTINGS

### Space Camp or Aviation Challenge

24-hour Operator (256)837-3400, press 0

Fax (256)890-3369



Medical Staff (256)721-7162

Dietary Staff (256)721-7139

### 2009 DATES

#### SEPTEMBER 2008

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

#### OCTOBER 2008

S	M	T	W	T	F	S
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

#### NOVEMBER 2008

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						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

#### DECEMBER 2008

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

#### JANUARY 2009

S	M	T	W	T	F	S
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4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

#### FEBRUARY 2009

S	M	T	W	T	F	S
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15	16	17	18	19	20	21
22	23	24	25	26	27	28

#### MARCH 2009

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15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

#### APRIL 2009

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#### MAY 2009

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31						

#### JUNE 2009

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28	29	30				

#### JULY 2009

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19	20	21	22	23	24	25
26	27	28	29	30	31	

#### AUGUST 2009

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23	24	25	26	27	28	29
30	31					

#### SEPTEMBER 2009

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13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

source code: **YG009**

*Astronaut(s) on site during selected summer sessions. Check our web site for dates/sessions.*

This information has been sent to you because you requested it, are the parent of a former camper, or are on a purchased third-party mailing list. If you don't have camp age children, we are sorry to increase your mail load; but perhaps you'll pass it along to a friend. If you wish to be removed from our mailing list, please call **1-800-63 SPACE**. For employment opportunities, call **256-721-7196**.

See our website for CHECK-IN times and GRADUATION SCHEDULES: [www.spacecamp.com](http://www.spacecamp.com) (Not all programs are offered all weeks)

NOTE: A minimum height of 54 inches is required for the Space Shot simulator. G-Force Accelerator requires a minimum height of 48 inches. Maximum weight for simulators is 260 lbs. Closed-toe and heel shoes must be worn on all simulators. Outdoor activities conducted as temperature and weather permit. We reserve the right to cancel a session date if participation numbers are not adequate.