

2008

GROUP PROGRAMS

2007-08 ACADEMIC PLANNING CALENDAR
COURTESY OF SPACE CAMP® AND THE US SPACE & ROCKET CENTER®



WWW.SPACECAMP.COM

SPACE MISSIONS

WEEK-LONG PROGRAMS



Go for Launch in 10, 9, 8...

SPACE CAMP®

SESSIONS: Year-round
GROUP SIZE: Minimum 12
CHECK-IN: Sunday 3-4 PM (Central)
GRADUATION: Friday 9 AM (Central)

SPACE CAMP is ultimate experience for your students. A great activity to kickoff the school year, or as a final event in the spring. The SPACE CAMP facility is located on the grounds of the U.S. Space & Rocket Center®. The Center is also the official visitor center for NASA's Marshall Space Flight Center.

During the week, students in each of our tracks will have guided experiences of everything the Museum has to offer. They will see the first rocket that put an American in space, along with the massive Saturn V rocket that took Americans to the Moon. Also, students will see the capsules the early astronauts used during their missions, including seeing the actual Apollo 16 capsule. Students will climb the highest mountain on Mars on our Mars Climbing Wall. They'll get an astronaut's eye view of the earth while watching amazing IMAX® films in our Spacedome Theater. Students will also get to experience 4 G's of lift off force and the sensation of weightlessness on the Space Shot™ simulator.

Scouts! You can earn a partial Space Exploration Merit Badge!

Ages 9-11 (and at least in the Fourth Grade)



SPACE TRACK:

- 2 Shuttle Missions
- 10 Hours of History
- Rocket Construction
- Astronaut Simulators
- Mars Mission
- 8 Hours of experiments
- Teamwork

ROBOTICS TRACK:

- 1 Shuttle Mission
- Design, Engineering Teamwork
- Robotics Competition
- 14 Hours Robotics
- Teamwork
- Astronaut Simulators

AVIATION TRACK:

- Jet Fighter Simulations
- Hands-on Aircraft
- 1 Shuttle Mission
- Land Survival
- Aviation Principles
- Astronaut Simulators

| | | |
|--------------|--------------------------------|--|
| Cost: | Fall/Winter 2007 | \$599/person |
| | September 2007 - February 2008 | |
| | Spring 2008 | \$699/person |
| | March - May 2008 | |
| | Summer 2008 | See www.spacecamp.com for prices |
| | June - August 2008 | |

For Groups: For every 15 students booked, the 16th tuition is free. All registrations are subject to a non-refundable \$150 group registration fee.

SPACE MISSIONS

WEEK-LONG PROGRAMS



Go for Throttle-Up...

ADVANCED SPACE ACADEMY®

SESSIONS: Year-round
GROUP SIZE: Minimum 12
CHECK-IN: Sunday 1-2 PM (Central)
GRADUATION: Friday 11 AM (Central)

Encourage your students' passion for science and math. Focus on career planning and college preparation. Give your students the extra boost with the ADVANCED SPACE ACADEMY experience. Longer missions mean more science, more teamwork and letting your students become leaders.

If your students are thinking about a high-tech career, they will love ADVANCED SPACE ACADEMY. During this weeklong program, students will get hands-on training, as well as learn about the mental, emotional and physical demands astronauts, engineers and technologists must face.

The ADVANCED SPACE ACADEMY program is a college-accredited program through the University of Alabama-Huntsville (UAH). Students will earn one hour of freshman-level general science credit from UAH. Students will also receive an information sheet as to how they can have the credit transferred to another college or even their high school to be part of their official transcript.

Scouts! You can earn a partial Space Exploration Merit Badge!

Ages 15-18



MISSION SPECIALIST TRACK:

Specialized training in:

- Space Suit Theory and Design
- SCUBA Space-Walk Training
- Space Physiology

PILOT TRACK:

Specialized training in:

- Aeronautic Design
- Orbital Mechanics
- Jet Aircraft Simulations

PILOT WITH SCUBA TRACK:

Specialized training in:

- Aeronautic Design
- Orbital Mechanics
- SCUBA Space-Walk Training

| | | |
|--------------|---------------------------|--|
| Cost: | Fall/Winter 2007 | \$649/person |
| | September - February 2008 | |
| | Spring 2008 | \$749/person |
| | March - May 2008 | |
| | Summer 2008 | See www.spacecamp.com for prices |
| | June - August 2008 | |

For Groups: For every 15 students booked, the 16th tuition is free. All registrations are subject to a non-refundable \$150 group registration fee.

Main Engine Start, 5, 4, 3...

SPACE ACADEMY®

SESSIONS: Year-round
GROUP SIZE: Minimum 12
CHECK-IN: Sunday 1-2 PM (Central)
GRADUATION: Friday 11 AM (Central)

At the middle school age, students are beginning to explore which career options interest them. At SPACE ACADEMY, we show students the real world applications of the math, science, engineering, and technology concepts they are studying in school.

On the Mission Center Complex, Trainees face exciting challenges with an expanded Space Station Complex and upgraded Mission Control Centers. Realistic and technically challenging anomalies will task Trainees to use all their knowledge and critical thinking skills to solve the problem and save the mission!

Scouts! You can earn a partial Space Exploration Merit Badge!

Ages 12-14



SPACE TRACK:

- 2 Shuttle Missions
- 10 Hours of History
- Rocket Construction
- Teamwork
- 8 Hours of Experiments
- Astronaut Simulators

ROBOTICS TRACK:

- 1 Shuttle Mission
- Design, Engineering Teamwork
- Robotics Competition
- 14 Hours Robotics
- Teamwork
- Astronaut Simulators

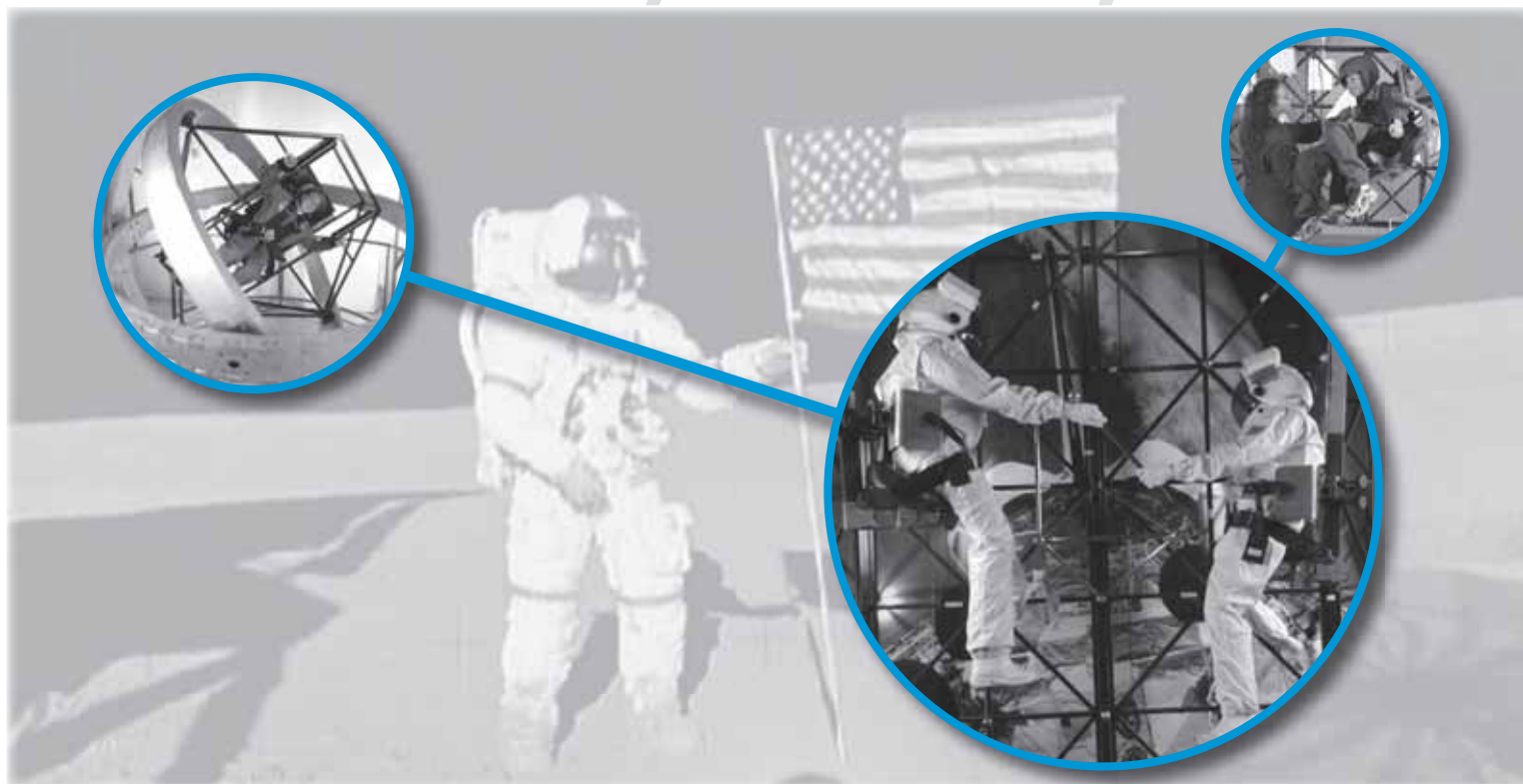
AVIATION TRACK:

- Jet Fighter Simulations
- Hands-on Aircraft
- 1 Shuttle Mission
- Land Survival
- Aviation Principles
- Astronaut Simulators

| | | |
|--------------|--------------------------------|--|
| Cost: | Fall/Winter 2007 | \$599/person |
| | September 2007 - February 2008 | |
| | Spring 2008 | \$699/person |
| | March - May 2008 | |
| | Summer 2008 | See www.spacecamp.com for prices |
| | June - August 2008 | |

For Groups: For every 15 students booked, the 16th tuition is free. All registrations are subject to a non-refundable \$150 group registration fee.

Copy Houston, Speed 16,000 MPH



NOTE: A minimum height of 48 inches is required for the simulators used in the program curriculum, with the exception of G-Force Accelerator, which requires a minimum height of 50 inches. Maximum weight for simulators is 260 lbs. Closed-toe 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.

4 BOOSTER IGNITION AND LIFTOFF!!!

AVIATION MISSIONS

WEEK-LONG PROGRAMS



FIGHT TO FLY, FLY TO FIGHT, FIGHT TO WIN.

AVIATION CHALLENGE - MACH I®

Ages 9-11 (and at least in the Fourth Grade)



SESSIONS: Year-round
GROUP SIZE: Minimum 12
CHECK-IN: Sunday 1-2:30 PM (Central)
GRADUATION: Friday 10 AM (Central)

Cost: **Fall/Winter 2007** \$599/person
 September 2007 - February 2008
Spring 2008 \$699/person
 March - May 2008
Summer 2008 See www.spacecamp.com for prices
 June - August 2008

FOR GROUPS: For every 15 students booked, the 16th tuition is free. All registrations are subject to a non-refundable \$150 group registration fee.

Bring your students to AVIATION CHALLENGE MACH I and explore the fascinating realms of flight. From Bernoulli's Principles to Newton's Laws of Motion, MACH I students will experience a classroom unlike any other.

FLIGHT SIMULATORS:

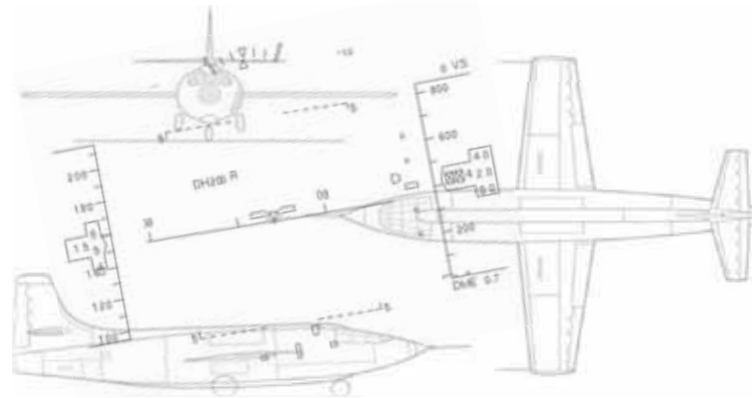
- Take-offs and Landing
- Navigational Training
- Air to Ground Training
- Air to Air Training
- Simulated Missions
- Teamwork

AVIATION PRINCIPALS:

- Forces of Flight
- Control Surfaces
- Propulsion
- Aviation Weather
- Teamwork

LAND SURVIVAL SKILLS:

- Land Survival
- Water & Food Procurement
- Fire & Shelter Building
- Orienteering
- Teamwork



LOSE SIGHT, LOSE THE FIGHT...

AVIATION CHALLENGE - MACH II®

Ages 12-14



SESSIONS: Year-round
GROUP SIZE: Minimum 12
CHECK-IN: Sunday 1-2:30 PM (Central)
GRADUATION: Friday 10 AM (Central)

LAND SURVIVAL SKILLS:

- Land Survival
- Water & Food Procurement
- Leadership Reaction Course
- Fire & Shelter Building
- Orienteering
- Teamwork

Cost: **Fall/Winter 2007** \$599/person
 September 2007 - February 2008
Spring 2008 \$699/person
 March - May 2008
Summer 2008 See www.spacecamp.com for prices
 June - August 2008

FOR GROUPS: For every 15 students booked, the 16th tuition is free. All registrations are subject to a non-refundable \$150 group registration fee.

Scouts! You can earn a full Aviation Merit Badge, plus partial First-Aid, Wilderness Survival and Fire Safety Badges!

Your middle school students will take on more of a challenge as they fly more complex simulators and sharpen their skills in MACH II. They will learn about pride, professionalism, and leadership as our AVIATION CHALLENGE staff lead them through team building activities, such as our Leadership Reaction Course. Along with teamwork, students learn about flight physiology, aeronautics, propulsion, history, aerodynamics, and the other fundamentals of flight.

FLIGHT SIMULATORS:

- Take-offs and Landing
- Navigational Training
- Air to Ground Training
- Air to Air Training
- Simulated Missions
- Teamwork

AVIATION PRINCIPALS:

- Bernoulli's Principles
- Newton's Laws of Motion
- Flight Physiology
- Centrifuge Simulator
- Teamwork



SPEED IS LIFE...

AVIATION MISSIONS

WEEK-LONG PROGRAMS



EVERY PILOT A TIGER...

AVIATION CHALLENGE - MACH III®

Ages 15-18



SESSIONS: Year-round
GROUP SIZE: Minimum 12
CHECK-IN: Sunday 1-2:30 PM (Central)
GRADUATION: Friday 10 AM (Central)

LAND SURVIVAL SKILLS:

- Land Survival
- Water & Food Procurement
- Leadership Reaction Course
- Fire & Shelter Building
- Orienteering
- Teamwork

Cost: **Fall/Winter 2007** \$649/person
 September - February 2008
Spring 2008 \$749/person
 March - May 2008
Summer 2008 See www.spacecamp.com for prices
 June - August 2008

FOR GROUPS: For every 15 students booked, the 16th tuition is free. All registrations are subject to a non-refundable \$150 group registration fee.

Scouts! You can earn a full Aviation Merit Badge, plus partial First-Aid, Wilderness Survival and Fire Safety Badges!

Come be a part of the most advanced, high performance aviation program we offer.

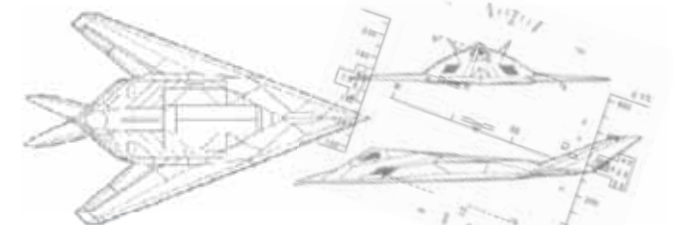
High school students learn more details about Aviation principals in their aeronautics and aerodynamics lectures. Advanced simulators help reinforce teamwork and communication while building realistic piloting skills. Learning has never been so much fun! It pushes teamwork to a new level!

FLIGHT SIMULATORS:

- Take-offs and Landing
- Navigational Training
- Air to Ground Training
- Air to Air Training
- Simulated Missions
- Teamwork

AVIATION PRINCIPALS:

- Aerodynamic Lectures
- Aeronautic Lectures
- Airport Operations
- Flight Physiology
- Centrifuge Simulator
- Teamwork



YOU FIGHT LIKE YOU TRAIN...



NOTE: A minimum height of 48 inches is required for the simulators used in the program curriculum, with the exception of G-Force Accelerator, which requires a minimum height of 50 inches. Maximum weight for simulators is 260 lbs. Closed-toe 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.

SPACE CAMP® FOR INTERESTED VISUALLY IMPAIRED STUDENTS

WEEK-LONG PROGRAMS



How does the SCIVIS Week compare to a regular week at SPACE CAMP?

This special week is coordinated by teachers of the visually impaired from all over the United States. Many adaptations are available this week; braille, large print, CCTV's, voice output on selected computers, visually impaired guest speakers, and support help from certified teachers

of the visually impaired are just a few. Siblings or friends of visually impaired students are welcome to attend the same week. Discounted tuition is also available this week as a result of the group rate.

Should my visually impaired Students go to SPACE CAMP? Ask yourself these questions:

- Do they have an interest in math, science, and space science?
- Do they enjoy new social and learning experiences?
- Would they appreciate a week with their blind or visually impaired peers?
- Do they have independent skills in the areas of daily living and social skills?

If you answered yes to these questions then SPACE CAMP is for them!

What about money... Are Scholarships available?

Program cost includes room, programming, materials, etc. from Saturday lunch to Friday lunch. Transportation costs are not included.

Scholarships are available pending funding from granting organizations. For program pricing, please see the website.

For further scholarship details please see:
www.tsvbi.edu/space

All applications must be returned to:

Dan Oates Work: (304) 822-4883
P.O. Box 1034 FAX: (304) 822-4898
Romney, WV 26757 Cell: (540) 539-8768

PREFERRED METHOD: e-mail address - scivis@atlanticbb.net

We strongly encourage you to seek funding on a local level, if assistance is needed. Many civic organizations are open to funding the SPACE CAMP Experience for blind and visually impaired children. Promise your funding organization a program at their weekly meeting when you return. That will show your appreciation for their donation and may further your chances of returning for future programs.

Once you are there you will want to go back!

For more information and the necessary forms, go to
www.tsvbi.edu/space

“JUST BECAUSE I CAN'T SEE THE STARS, DOESN'T MEAN I CAN'T REACH FOR THEM.”

*The G-Force Accelerator is closed this week due to the medical implications caused to blind and visually impaired students.

FOR MORE INFORMATION AND NECESSARY FORMS, GO TO
WWW.TSVBI.EDU/SPACE

NOTE: A minimum height of 48 inches is required for the simulators used in the program curriculum, with the exception of G-Force Accelerator, which requires a minimum height of 50 inches. Maximum weight for simulators is 260 lbs. Closed-toe 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.

SPACE CAMP® FOR THE DEAF AND HARD-OF-HEARING

WEEK-LONG PROGRAMS



This program was pioneered in the 1986/1987 school year and has been growing ever since. Students come from all over the United States and internationally to this week-long program.

Who attends:

We work hard to make sure that SPACE CAMP and AVIATION CHALLENGE is accessible to everyone regardless of your students' mode of communication, hearing level, or use of assistive devices. Some students come with their school groups while others attend as individuals.

Students will be on teams with their peers. During the week they will complete space shuttle missions, fly simulated aircraft, and work as a team. The teams start each day very early, and have a week packed with hands on, student centered learning. Students will room with teammates, attend activities, and eat as a team.

The following adaptations help to make the week accessible:

- Interpreters
- TV/Cameras are used for real time communication during missions
- Video Phones, TTY's
- Closed Captioning
- Deaf Education Teachers

Scholarships:

A fund raiser is held every year in hopes of generating funds to send deaf and hard of hearing students to SPACE CAMP who otherwise

would not get the opportunity to attend. Scholarships are limited. We encourage individuals and schools to fund raise, write grants, and ask various organizations to help their efforts as well. For program pricing, please see the website below.

During the school year:

This week-long program takes place during the school year. SPACE CAMP is an educational camp which meets national and state standards for math and science. College credit can also be obtained for the older students. Some schools may require a report, journal, or presentation upon returning to school.

Tuition:

Program cost includes room, materials, team photo, meals, and team shirt. The tuition cost does not include transportation. Students may choose to fly into the Huntsville airport, where they will be greeted by a SPACE CAMP staff member. The week starts on Sunday at registration and ends on Friday at graduation.

All forms needed to attend this week can be found at
www.spacecamp.com/deaf.

Contact/Application information:

Amy Newland/Space Camp Work: 412.371.7000 X 691
300 E. Swissvale Ave FAX: 412.244.4223
Pittsburgh, PA 15218 E-MAIL: amn01wpd@wpsd.org

“DEAF CAN DO ANYTHING BUT HEAR.”
- DR. I. KING JORDAN

For more information and the necessary forms, go to
www.spacecamp.com/deaf

FOR MORE INFORMATION AND THE NECESSARY FORMS, GO TO
WWW.SPACECAMP.COM/DEAF



NOTE: A minimum height of 48 inches is required for the simulators used in the program curriculum, with the exception of G-Force Accelerator, which requires a minimum height of 50 inches. Maximum weight for simulators is 260 lbs. Closed-toe 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.

2-5 DAY MISSIONS

GROUP-ONLY PROGRAMS



HOUSTON, TRANQUILITY BASE HERE...

ASTROTREK®

Grades 3-8



SESSIONS: Year-round
GROUP SIZE: Minimum 15 (Including Adults)
CHECK-IN: 3-4:30 PM (CENTRAL)

ASTROTREK™ is a great way for larger groups to experience the excitement of space flight or aviation.

ASTROTREK is a two-night, structured educational adventure that allows students, educators and chaperones the opportunity to explore the world's largest interactive space and aviation education classroom — the U.S. Space & Rocket Center. ASTROTREK is a hands-on aerospace adventure.

ASTROTREK students will construct and drop-test parachutes as well as build and launch air powered rockets. They will discover the history of flight and space exploration at our SPACE CAMP and AVIATION CHALLENGE campuses. Students will also have the opportunity to experience some of the same sensations (g-forces and weightlessness) while in our training simulators that astronauts and pilots feel!

ASTROTREK SAMPLE ACTIVITIES:

SPACE OPTION

- Astronaut Training Simulators
- Air Rocket Activity
- 2 IMAX® Movies
- 3 Hours of History

AVIATION OPTION

- Parachute Activity
- Land Survival
- 2 IMAX® Movies
- Flight Physiology Activities

COST: \$169 per person

DEPOSIT: 50% due 90 days prior to arrival.

FINAL PAYMENT: Final 50% due 60 days prior to arrival.

ARRIVAL DAYS: Monday, Wednesday and Friday arrival

HOUSING: Space Camp Habitat Facilities (off-site hotel available at an additional \$40 per person)

TRANSPORTATION: Not available.

LINENS: Linens are not included (If arriving by air, sheets, blankets, pillows and pillowcases will be provided.) Please bring sleeping bags, towels and other overnight necessities.

FOR GROUPS: For every 25 students booked, one adult is admitted free. All reservations are subject to a non-refundable \$150 group registration fee.

THAT'S ONE SMALL STEP FOR A MAN...

PATHFINDER®

Grades 4-8



SESSIONS: Year-round
GROUP SIZE: Minimum 12 (Including Adults)
CHECK-IN: 12:30-1 PM (Central)
GRADUATION: 10-11 AM (Central)

PATHFINDER is a shorter version of the week-long camps. Designed to accommodate groups, the PATHFINDER program is a three-day, two-night program including a shuttle mission, space history and astronaut training or for the Aviation program, land survival techniques, air to air simulated missions, and a Top Gun competition. Groups have the option to attend Monday to Wednesday, Wednesday to Friday, or Friday to Sunday sessions.

SPACE PATHFINDER:

- Space Shuttle Mission
- Astronaut Simulators
- Rocket Building
- Museum History
- Teamwork
- IMAX®

AVIATION PATHFINDER:

- Flight Simulators
- Aviation Principals
- IMAX®
- Wilderness Survival
- Teamwork

COST: September - February \$219/person
March - August \$269/person

DEPOSIT: 50% due 90 days prior to arrival.

FINAL PAYMENT: Final 50% due 60 days prior to arrival.

ARRIVAL DAYS: Monday, Wednesday and Friday arrival
Friday availability is limited during Summer sessions.

HOUSING: Space Camp Habitat Facilities (off-site hotel available at an additional \$15 per person per night)

TRANSPORTATION: \$15.00 per student - round trip to and from airport.

LINENS: Linens are not included (If arriving by air, sheets, blankets, pillows and pillowcases will be provided.) Please bring sleeping bags, towels and other overnight necessities.

FOR GROUPS: For every 15 students booked, the 16th tuition is free. All registrations are subject to a non-refundable \$150 group registration fee.

10 ZERO-G AND I FEEL FINE...

2-5 DAY MISSIONS

GROUP-ONLY PROGRAMS



THE DREAM IS ALIVE...

SPOTLIGHT ON TECHNOLOGY®

Grades 4-8



SESSIONS: Fall, Winter and Spring
GROUP SIZE: Minimum 12 (Students Only)
CHECK-IN: Day Only: Monday 9 AM & 9 AM daily (Central)
Overnight: Monday 1-2 PM (Central)
GRADUATION: Day Only: Friday 1 PM (Central)
Overnight: Friday 9 AM (Central)

SPOTLIGHT is a program designed for 4-8th graders. Experience all the excitement of SPACE CAMP or AVIATION CHALLENGE at a reduced cost. Designed for the entire classroom to come to camp together and correlated to the State of Alabama's Course of Study for Science and Math. Curriculum will be correlated to other state standards upon request.

It is a great, affordable option for Alabama schools. This program begins on Monday and graduation is on Friday. Both day and overnight experiences are offered for Alabama schools.

COST:

| | |
|-----------------|---|
| Alabama Schools | Day Only: \$299 per person Overnight: \$449 per person |
| Other Schools | Overnight: \$599 per person |

DEPOSIT: 50% due 90 days prior to arrival.

FINAL PAYMENT: Final 50% due 60 days prior to arrival.

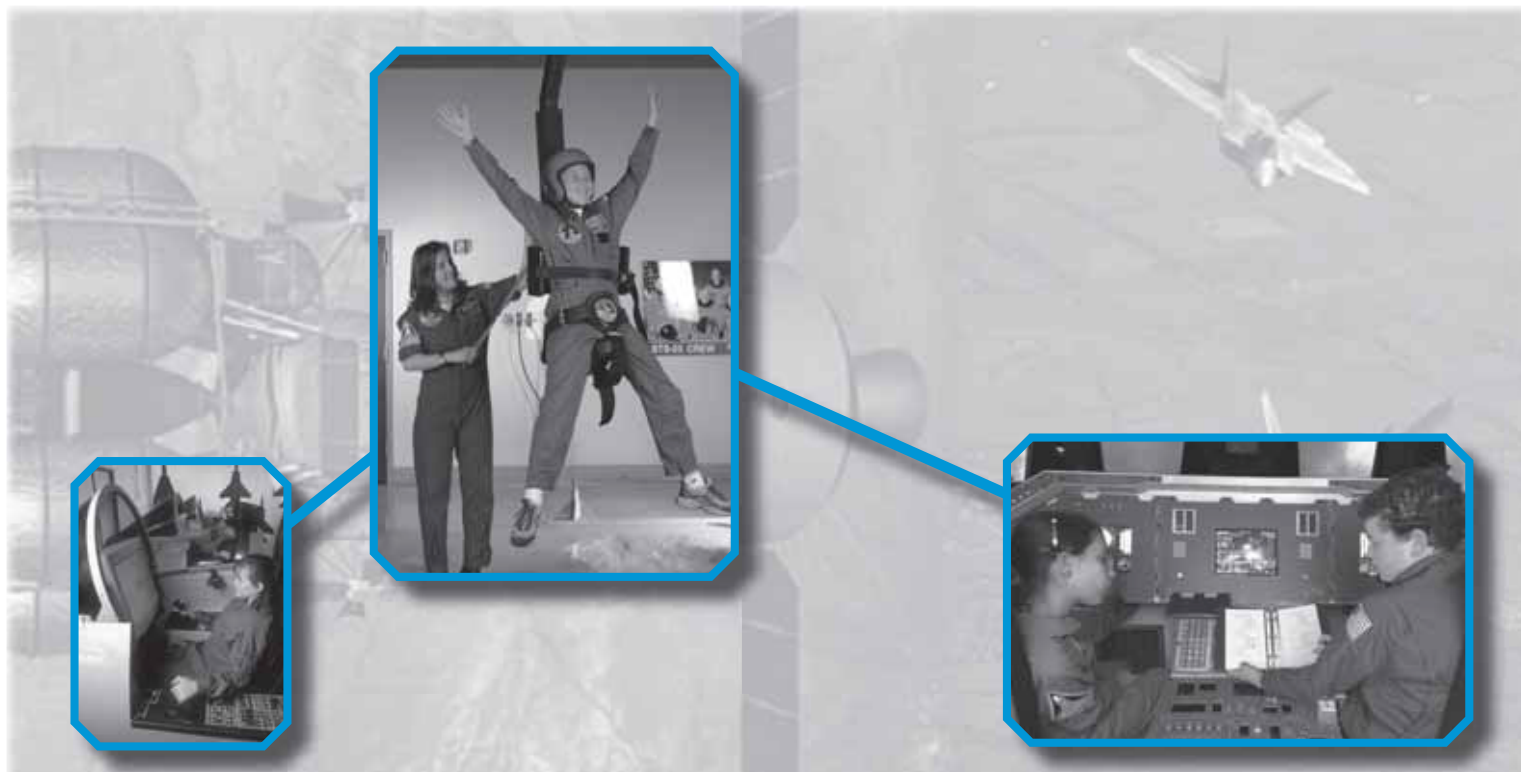
HOUSING: SPACE CAMP and AVIATION CHALLENGE Habitat Facilities

TRANSPORTATION: \$20 per student for Day Spotlight.
Available for Overnight upon request and availability.

LINENS: All linens are included.

CHAPERONES: Classroom teacher is free and must be available for emergency contact.
\$75 per each additional chaperone.

FAILURE IS NOT AN OPTION...



NOTE: A minimum height of 48 inches is required for the simulators used in the program curriculum, with the exception of G-Force Accelerator, which requires a minimum height of 50 inches. Maximum weight for simulators is 260 lbs. Closed-toe 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.

MUSEUM EXPLORATION

GROUP-ONLY PROGRAMS

U.S. Space & Rocket Center®

GROUP TOURS

U.S. SPACE & ROCKET CENTER field trips are designed to introduce students to the dramatic history of space exploration. Groups of 15 or more can embark on this day-long outer space adventure!

| Cost: | | | |
|--------|-----------|----------|-------------------------------|
| Option | Children* | Adults** | Included in Cost: |
| A: | \$22.00 | \$22.00 | Museum, IMAX® Movie and Lunch |
| B: | \$18.00 | \$18.00 | Museum and IMAX Movie |
| C: | \$9.00 | \$13.00 | Museum Admittance Only |

* - Children Ages 3 Years to 8th Grade ** -Grade 9 and up

Deposit: A \$25 deposit is required within ten days of booking your reservation.

Reservations must be made at least two or more weeks prior to arrival.

All packages include: Entrance to Museum, Shuttle Park, Rocket Park and all simulators available to the public. The SPACE CAMP simulators are not included.

Please Note: It will take about 3-6 hours to complete all activities.

Minimum group size is 15. School groups will receive one complimentary admission for every 10 paid students. The U.S. Space & Rocket Center's field trip programs are extensions of the classroom, and an adult must accompany students at all times. The same rules that students must abide by at school also apply to the students at the Museum.

ULTIMATE FIELD TRIPS®

Grades K-12
During Museum Hours

The ULTIMATE FIELD TRIP program includes a guided Museum and Rocket Park tour, lunch, IMAX® movie, a themed one-hour, hands-on ULTIMATE FIELD TRIP Lab, and some time to explore the Museum on your own.

Scout groups will find that many requirements for merit badges can be met while participating in our space themed labs and activities.

THEMES:

| | |
|----------|---|
| K-8: | The Right Stuff: Have you got what it takes to join the astronaut corp? |
| | Back to the Moon: NASA's going back. What happens when we get there? |
| | On to Mars: Preparing for Mars is what it's all about! How will we do it? |
| 9-12: | Propulsion Lab: A study of how rockets work. Newton would be proud! |
| | Astronomy Lab: Explore the skies with New Horizons! |
| DATES: | Year-round, Monday Through Saturday, 9 AM - 3 PM |
| COST: | \$750 for up to 25 participants, \$30 per participant over the 25 One Chaperone is admitted free with every 20 students booked |
| DEPOSIT: | A non-refundable \$50 deposit is due within 10 days of making your reservation Transportation may be available at additional cost, please inquire when making your reservation |

All Ultimate Field Trip Labs and demonstrations teach the scientific method using age-appropriate lab safety standards. Programs for K-12 correlate to the Alabama Course of Study as well as the National

OPTIONS

| | |
|----------|---|
| T-Shirts | Have your group name printed on a U.S. SPACE & ROCKET CENTER T-shirt! Each shirt is \$8.00 (XXL - \$9.00 & XXXL - \$11) adult sizes only. A minimum order of 15 shirts is required. Shirts are available only in white. Ask our daily group agent for more details. |
| Lunch | The entire group must select from the following lunch options: • A prepared meal package in one of our Museum or Space Camp dining facilities. • Galaxy Food Court — Average cost is between \$5.00 and \$7.00 per person. Choose from a large assortment of fast foods and deli sandwiches. • Bring your own lunches — Outdoor picnic areas are available for those groups who choose to bring a sack lunch. Due to certain regulations, outside food cannot be brought through the Museum. |

THINGS TO REMEMBER

- A 1:10 ratio between chaperones and students is required.
- Involvement in unscheduled activities in the park and Museum is determined on a first-come-first-served basis.
- The U.S. SPACE & ROCKET CENTER reserves the right to dismiss a group due to any unruly or disruptive behavior.
- Prices, schedules, and operating hours are subject to change without notice.

NEW HORIZONS

Grades 1-8
1-Night Stay

NEW HORIZONS is an intense over-night program that includes a guided Museum tour through the history of the U.S. Human Spaceflight Program and beyond, a hands-on solar system exploration lab and many other structured science and space based activities.

You'll also tour our Rocket Park, watch a Spacedome IMAX® movie, see the only fully-assembled space shuttle on display, have the chance to experience some of the forces of spaceflight with our G-Force Accelerator and Space Shot attractions or, for younger groups, tackle the Kids Cosmos and Mars Simulator!

| | |
|-----------------|--|
| DATES: | Year-round |
| COST: | \$99 per participant, includes 4 meals and housing in the Space Camp Habitats (off-site hotel available at an additional \$20 per participant) One Chaperone is admitted free with every 25 students booked |
| DEPOSIT: | All reservations are subject to a non-refundable \$150 group registration fee. |
| TRANSPORTATION: | Transportation may be available at additional cost, please inquire when making your reservation |
| LINENS: | Linens are not included (If arriving by air, sheets, blankets, pillows and pillowcases will be provided.) Please bring sleeping bags, towels and other overnight necessities. |

All NEW HORIZONS labs and demonstrations teach the scientific method using age-appropriate lab safety standards. Programs for K-12 correlate to the Alabama Course of Study as well as the National Science Education Standards and are designed to motivate, excite, and inspire young minds.

TRAVELING CLASSROOM

OUTREACH ADVENTURES



SPACE CAMP AT YOUR SCHOOL...

Jazz up your Space Week, or any special week, with one of our Traveling Classroom programs. Our presenters offer a variety of engaging science presentations on topics ranging from the history of flight to astronaut training. Presentations last an hour and are designed for groups of 30-60 students. Why not have us stay for 2 days and entertain the whole school?

For a super-special Space Week for 100 students or more, consider Build-A-Shuttle: a three-day blitz-build of a 1/3 size Space Shuttle Simulator, followed by a mission to deliver the next crew to the International Space Station. It's the next best thing to a week at Space Camp!

Whatever level of Traveling Classroom presentation you choose, your students and their parents will be thanking you for a fantastic science experience!

LONG PROGRAMS

| | |
|---------------------|---|
| Build-A-Shuttle | This project transforms an ordinary school into a NASA training center in just one week. At the beginning of the week the students build part of a space shuttle, a mission control and a space station module, and at the end they become astronauts and NASA personnel for a scripted mission. (Minimum 100 students, supplies are not included.) |
| Starlab Planetarium | An astronomy teacher (Huntsville City Schools FREE, call for details) will set up the inflatable Starlab Planetarium in your school gymnasium or auditorium. Students may visit in groups of 30 for an introduction to the constellations of the night sky and basic principles of astronomy. It's a treat they will always remember! |

COST:

| | | |
|---------------------|--------------------------|--|
| Build-A-Shuttle | 1 Week, \$15 per student | Plus travel expenses: Federal standard rates apply to mileage and meals. Airfare or Hotel if applicable. A minimum fee may be required for long distance travel (over 1 hour from USSRC) |
| Starlab Planetarium | Full day: \$300 | |

ONE HOUR PROGRAMS

| | |
|-----------------------------|---|
| Astronauts On The Job | This lively interactive presentation lets children try their hand at astronaut training. |
| Get it Together | An interactive look at the International Space Station, with lots of opportunities for students to experience Space Construction tasks like docking with the Shuttle. |
| Solar System Adventure | Everyone knows there are nine planets in the Solar System . . . or are there? We'll start with the basics and move on to the latest NASA revelations about our surprising solar system. |
| Your Body Does What? | Space Suits are SPORTy — it's a special acronym to help us remember why we should never forget our special suits for spacewalking! We'll learn about temperature, oxygen, radiation and how our bodies are perfectly suited to the comfortable atmosphere of Earth. |
| You're in Space - Now What? | One of the most exciting parts of being as astronaut are the little everyday things, like eating, sleeping, and — yes, going to the bathroom. This is a great wrap-up to your Space Week. |
| Principles of Flight | From Archimedes to airfighters, this presentation highlights the great ideas and innovations that have made it possible for flying machines to rise above the clouds. Your students will learn about buoyancy, lift and Newton's Third Law of Motion, then apply their knowledge to making high-tech steerable paper airplanes. Requires small motor skills: grades 3 and up. |

COST:

| | | |
|---------------------|-------|--|
| 1 HOUR: | \$75 | Plus travel expenses: Federal standard rates apply to mileage and meals. Airfare or Hotel if applicable. A minimum fee may be required for long distance travel (over 1 hour from USSRC) |
| 3 HOURS: | \$175 | |
| Full Day (6 hours): | \$275 | |

Check out

WWW.SPACECAMP.COM/EDUCATORS/OUTREACH
for more details and contact information



NOTE: A minimum height of 48 inches is required for the simulators used in the program curriculum, with the exception of G-Force Accelerator, which requires a minimum height of 50 inches. Maximum weight for simulators is 260 lbs. Closed-toe 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.

EDUCATOR PROGRAMS



WEEK-LONG PROGRAMS

SPACE ACADEMY® FOR EDUCATORS



SPACE ACADEMY FOR EDUCATORS is offered in June and July. The program starts on Monday at 1PM and Graduation is on Friday at 6PM. All housing, materials, and meals are included. Housing will be in the dormitories at the University of Alabama in Huntsville.

Each day is packed with workshops designed by grade level (elementary, middle or high school). The activities are designed to be implemented in your classroom with minimal preparation. We want the resources you obtain from us to be cost effective, fun, engaging and to meet National Standards. Some activities also meet social science, language arts and reading objectives as well as math, science and technology.

These are some of the topics you should be able to discuss in the classroom at the end of the week:

- Astronomy - Constellations to Radio Telescopes
- Math - Put fun in your math activities
- Biology - Protein Crystal Growth
- Space Science - Microgravity and Space Shuttle Mechanics
- Living and Working in Space - Answers to all the questions you were afraid to ask
- Space History - Sputnik to Station
- Space Week at Your School
- Team Building

Many of our participants grew up dreaming of space travel. At

SPACE ACADEMY FOR EDUCATORS, we fulfill this fantasy. You will participate in two simulated Space Shuttle Missions. You can be the Pilot, Commander, Flight Director, Mission Specialist, etc. Your team will work together to achieve the objectives of the mission, whether it is completing a satellite repair, or construction on the ISS. You may be responsible for solving a problem through experimentation or creating a solution with your teammates. The mission experience is realistic, exciting and challenging!

As part of the program you will also simulate walking on the moon and working in the frictionless environment of space on our Astronaut Simulators.

Weather permitting we will spend an afternoon at Aviation Challenge simulating what it would be like to land in the water with a parachute or be rescued from the water by a helicopter.

All materials, meals and housing are included in the program cost

Cost: \$899 (Transportation costs are not included)

Check out WWW.SPACECAMP.COM/EDUCATORS/CAMPS for dates and more information.

ADVANCED SPACE ACADEMY® FOR EDUCATORS



ADVANCED SPACE ACADEMY FOR EDUCATORS is for teachers that have already completed the SPACE ACADEMY FOR EDUCATORS program in a previous year, and are ready for more. A lot more!

The ADVANCED ACADEMY FOR EDUCATORS program adventure starts in the Orlando International Airport. The team assembles and heads to Kennedy Space Center for 3 days of nonstop exposure to where the U.S. space program launches and lands its manned spacecraft. You will be a part of special guided tour of Kennedy's facilities. You will spend a couple of hours at the Kennedy Educator Resource Center, where they have created an incredible hands-on learning environment.

On Tuesday, everyone will board a plane to Huntsville, AL to finish out the week. This experience at Camp is even more intense! There are more materials to take back, SCUBA, an Extended Duration Mission, and Robotics.

The cost of the program is \$1599 and all meals and lodging in

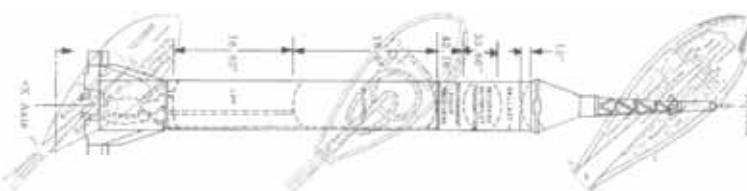
Florida and Huntsville are included. Graduate credit is not offered with this program. Airfare is not included in the price.

Dates for the ADVANCED ACADEMY FOR EDUCATORS 2007 are to be determined.

All materials, meals and housing are included in the program cost

Cost: \$1599 (Transportation costs are not included)

Check out WWW.SPACECAMP.COM/EDUCATORS/CAMPS for dates and more information.



EDUCATOR WORKSHOPS



SINGLE DAY WORKSHOPS



Monthly half-day hands-on workshops are taught on a variety of math and science related topics such as: Hydroponics, Robotics, Rocketry and man more!

All workshops meet National Standards and are eligible for CEU credit.

We are constantly evaluating the workshops offered and as a result offer new themes and topics each year. Keep an eye on our web site for updates about new topics and ideas to bring back to your classrooms.

Each Workshop will be offered at the Educator Training Facility at the U.S. Space & Rocket Center beginning this fall. Workshops costs vary and includes all materials. The sessions will be from 4:30 P.M. until 8:30 P.M.

All materials are included in the program cost

Cost: Vary, but most are free

Check out WWW.SPACECAMP.COM/EDUCATORS/WORKSHOPS for dates and more information.

EDUCATOR MINI-CAMP



Planning a week-long trip to SPACE CAMP with your students? Why not take part in our Educator Mini-Camp!

While your students are busy with their activities, you will have the opportunity to earn professional development hours through fun, hands-on workshops at no additional cost. Workshops vary and can include themes such as Robotics, Rocketry, Hydroponics and more!

You will also have the opportunity to experience the thrill of our astronaut training simulators as well as complete a Space Shuttle mission of your own!

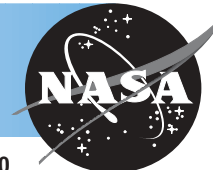
Please encourage other educators and chaperones from your group to join us, as we require a minimum of 10 participants to complete a Space Shuttle mission.

All materials are included in the program cost

Cost: Free with the your group reservation

Check out WWW.SPACECAMP.COM/EDUCATORS/WORKSHOPS for dates and more information.

EDUCATOR RESOURCE CENTER



For NASA's MARSHALL SPACE FLIGHT CENTER

NASA has established the Educator Resource Center Network to disseminate agency-related information and materials to the nation's educational community. Each network provides expertise and facilities to help educators access and utilize instructional products that emphasize science, technology, engineering and mathematics (STEM). These products are based on NASA's unique mission and are aligned with national education standards and appropriate state frameworks.

The Marshall Space Flight Center Educator Resource Center Network consists of centers located in the states of Alabama, Arkansas, Iowa, Louisiana, Missouri, and Tennessee. Each Educator Resource Center (ERC) demonstrates and facilitates the use of education technologies; provides in-service and pre-service training utilizing NASA curriculum support products; and partners with local, state,

and regional educational organizations to become part of the systemic initiatives in the state.

Marshall Space Flight Center Educator Resource Center interfaces with educators (formal and informal), students, parents and professionals. It is important to support all these groups in helping them obtain needed information, resources, and materials.

The ERC contains a vast collection of materials for educators, including videotapes, DVD's, CD-ROM's, printed materials and lesson plans that reflect the most recent scientific discoveries about Space and Earth. Subjects range from science and geography to meteorology, astronomy, social studies and environmental science.

Learn more about us at <http://erc.msfc.nasa.gov/> or e-mail us at karla.miller@msfc.nasa.gov

QUESTIONS AND

Go for Launch in 10, 9, 8...

Whether your group will be attending SPACE CAMP®, SPACE ACADEMY®, ADVANCED SPACE ACADEMY®, AVIATION CHALLENGE® MACH I/MACH II/MACH III, ASTROTREK® or PATHFINDER®, this CD provides detailed information about the programs in which your students will participate. National Standards are correlated to each activity in their schedule and sample schedules for all our group programs' activities are also provided. Curriculum will be correlated to your state standards upon request.

This information will help you prepare your students for camp and will help in evaluating them upon return.

Forms and advice for planning your trip are also included. Your CD serves as a handy, self-contained kit, making planning a breeze! Everything you need (including a PowerPoint presentation that you can tailor) to help you in meeting with school administrations and parents is in the CD.

To to reserve your place for an action-packed program of fun and learning, call the Account Executive listed on the back cover.

Give us a week - we'll give your class a learning experience that goes on for a lifetime! All of this within a safe environment that includes 24-hour uniformed security guards and a professional medical staff.

Main Engine Start, 5, 4, 3...

WHAT MAKES UP A GROUP?

To book as a group, 12 or more students must register together. Eleven students or less wishing to attend a program together are not eligible for group rates. Group reservations subject to availability.

RESERVATIONS:

To register, contact one of our account executives listed on the back cover or call 1-800-63 SPACE and ask for a group reservations coordinator.

We begin accepting reservations 12 months prior to desired date and will send out an interest letter specifying your deposit date. A \$150 non-refundable registration fee is required at time of booking. Upon receipt of your registration fee, we will hold the number of spaces that you need until 90 days prior to camp start date. Space is limited and we confirm reservations on a first-come, first-serve basis.

GROUP PAYMENT POLICY:

IMPORTANT: We cannot accept individual payments for group bookings. Deposit and final balance fees are each payable (by one check) for the amount due to: U.S. SPACE CAMP.

Individual payments received for group bookings will be returned to the group leader. One chaperone pass is provided for every 12 paid students. Additional chaperones must pay a \$75 fee. This fee covers meals in the Space Camp dining room and a badge allowing access into the facility (week-long chaperones only).

Week-long Chaperones do not participate in programs.

DEPOSIT:

A 50% deposit is due 90 days prior to camp along with registration forms.

BALANCE:

Remaining balance is due 60 days prior to arrival, along with health, transportation, teammate request and chaperone name forms.

REGISTRATION FEE:

A non-refundable registration fee of \$150.00 for the group is required. Your reservation is not held or confirmed until the registration fee is received.

CONFIRMATION:

A confirmation letter will be provided upon receipt of all fees and health forms. A reservation is not complete until all fees and forms are received.

CANCELLATIONS/REFUNDS:

In the event you must cancel your reservation, you will receive a refund as defined below.

- Cancellation notice must be received in writing.
- Refund will be issued in the same manner payment was made.
- 75% of tuition paid will be refunded if written notice is received no later than eight weeks prior to session start date.
- 40% of tuition paid will be refunded if written notice is received no later than four-seven weeks prior to session start date.
- Cancellations received within four weeks of session start date forfeit full tuition.
- Request for cancellation due to illness or accident

requires a written physician's verification. Upon receipt of verification, we will issue a full refund.

Trainees who leave during a camp session for other reasons (home-sickness, etc.) will not receive a refund.

NOTE: We reserve the right to cancel a session date if participation numbers are not adequate. If we cancel a session date, you may select an alternative session date or you may request a full refund of tuition paid.

TRANSFERS:

Transfers must be approved by the reservations department. Sessions may be transferred upon physician's written verification of illness or accident. Trainees who leave during the session for other reasons will not receive a refund.

NON-ENGLISH-SPEAKING GROUPS:

Every year, groups from around the world enroll in SPACE CAMP and AVIATION CHALLENGE. We have established the following guidelines so that non-English-speaking participants may enjoy the best possible camp experience:

- Non-English-speaking groups are booked in the off-season ONLY (Sept.-May).
- You must attend in groups of 12.
- Translation fees apply and will be quoted.

MEDICAL:

For medical-related questions, call 256-721-7162. (For week-long youth groups only.)

PLANNING

Go for Throttle-Up...

A completed health form signed by a parent/guardian and a doctor or nurse practitioner is REQUIRED for all campers attending SPACE CAMP & AVIATION CHALLENGE programs. **The Group leader is required to make copies of health forms.**

Should a camper require medical attention, you may ask us not to use or disclose any part of their protected health information for the purposes of treatment or healthcare operations. You may also request that any part of their protected health information not be disclosed to family members or friends who may be involved. Your request must state the specific restrictions requested and to whom you want the restrictions to apply.

NOTE: Advanced SPACE ACADEMY Mission Specialist Track or Pilot with Scuba Track attendees must have a physician signature on appropriate health form for SCUBA diving.

TRANSPORTATION:

After registering you will receive a transportation form. This form must be completed and returned no later than the final payment date. Prompt return of this form ensures staff are available to assist with your arrival and departure.

For those driving to SPACE CAMP or AVIATION CHALLENGE, directions are available on our web site at www.spacecamp.com. **AIRPORT Transportation:** Round-trip ground transportation between Huntsville International Airport and SPACE CAMP is available for an additional \$15.00/person, \$25.00 per person during summer months.

AIRLINE TRAVEL:

Do not make your airline reservations until you have a confirmed session date.



THE SIMPLE, AFFORDABLE, CONVENIENT WAY TO FLY

Delta Air Lines is the Official Airline for the U.S. Space & Rocket Center® in 2007. Book your flight reservations via www.spacecamp.com* and click on the delta.com logo. Delta is offering a 5% discount in coach (excluding fares booked in K, L, U, T, I, A, D). In addition, a 10% discount is being offered for first class fares.

Go to www.spacecamp.com and click on the Delta logo to immediately obtain the discounted reservations and realize the following additional benefits:

- 500 SkyMile bonus frequent flyer miles

- No service fees

- Check-in online within 24 hours prior to departure
NOTE: If you go to the www.delta.com website directly you will **NOT** get a discount

ADTRAV:

You can speak with a member of our designated travel agency, ADTRAV, by calling 1-800-867-1428. They will be happy to assist you with your travel arrangements. There is a charge for their service.

EARLY ARRIVAL/LATE DEPARTURE:

Early arrival and late departure is available for 6-Day Youth Programs only! If airline or bus schedules require early arrival or late departure, a planned and supervised program, including all meals and lodging, is available for an additional \$40.00 per day (Sept-May) and \$79 per day (summer only). Schedule arrivals no earlier than 2 p.m. the day prior to your session and departures no later than noon the day after your session. Capacity for this program is extremely limited and reservations are made on a first-come, first-serve basis.

MEALS:

Breakfast, lunch and dinner are provided in a common dining area from the afternoon/evening of arrival up to graduation. At each meal, we offer a variety of foods to appeal to different preferences. Snacks and soft drinks are also available at various sites within the facility at the trainee's expense.

We try to accommodate trainees with health related dietary restrictions and request a two-week advance notification. If dietary requirements exceed our capabilities, trainees can bring their own food and/or pay the additional cost of meeting those needs. Do not send food to camp with the trainee unless it is to accommodate health-related dietary needs. We do require a two-week advance notice if the trainee will be bringing food for health reasons.

To notify our dietary staff or to discuss any health-related dietary restrictions, please contact the Food Service Department at (256) 721-7139, or e-mail us at: specialdiets@spacecamp.com.

CHAPERONE INVOLVEMENT:

Chaperone involvement is based upon each program. Specific details will be provided in your confirmation packet. We ask that chaperones assume the role of

emergency contact while their students are in the program. Chaperones receive an introductory tour of the facility, a personalized name badge allowing access to the facility, all meals and a list of suggested activities they can observe during the week. A technology center is available to teachers/chaperones to record mission related activities. Please bring VCR tapes or DVD-Rs for recording. Chaperones will be contacted by program personnel should any problems arise.

WEEKLONG CHAPERONES/TEACHERS ONLY:

\$199 per person includes:

- Limited on-site accommodations
- Meal and facility pass

All week-long chaperones wishing to stay in the habitat are required to pay.

SPENDING MONEY/TRAVELERS CHECKS

We strongly recommend all trainees attending youth programs bring spending money in the form of Travelers Checks, in \$10 and \$20 denominations. Gift certificates for use in our gift shops are also available and may be purchased in advance at time of registration. SPACE CAMP and AVIATION CHALLENGE assumes no liability for lost cash or other items.

NASA EDUCATOR TRAINING FACILITY:

Educator chaperones visiting SPACE CAMP should plan to visit the NASA Educator Resource Center located in the Educator Training Facility (ETF). The ETF is located on USSRC property next to the Marriott. Please contact the ETF for information on free workshops available during your stay in Huntsville.

NASA Educator Resource Center Information:

(256) 544-5812 or (256) 721-7115

www.msfc.nasa.gov/education/erc/event.html

Important Phone Numbers:

For SPACE CAMP and AVIATION CHALLENGE

24-Hour Operator: 256-837-3400 and press 0

| | |
|---------------|--------------|
| Fax | 256-890-3370 |
| Medical Staff | 256-721-7162 |
| Dietary Staff | 256-721-7139 |

See the back cover for reservation contact information.



U.S. Space & Rocket Center

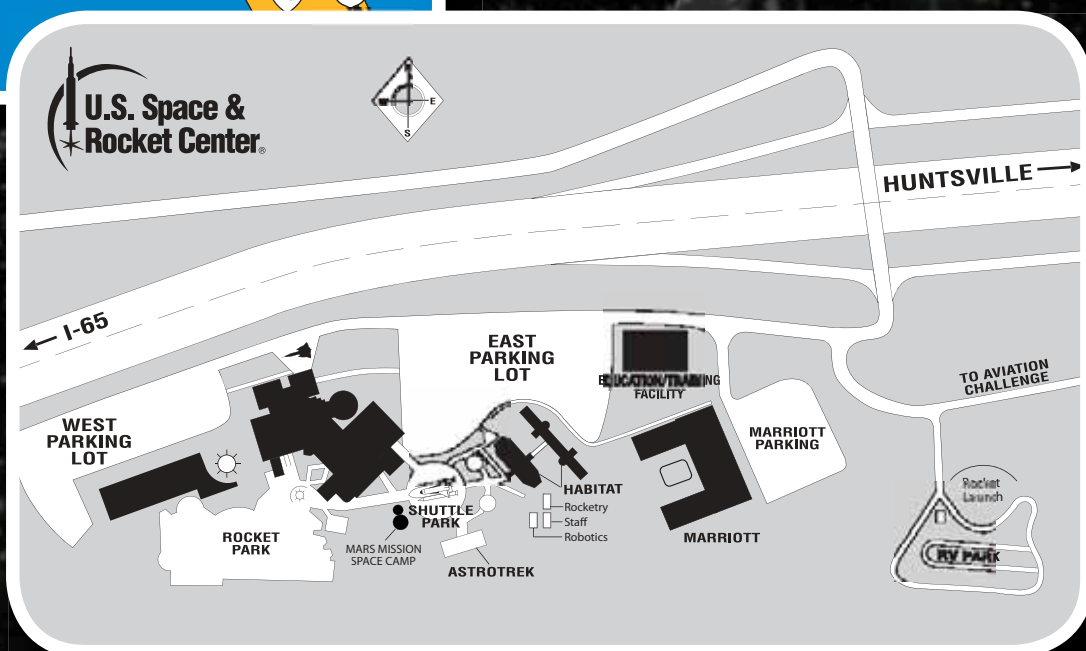
One Tranquility Base • Huntsville, AL 35805-3399

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.

source code: GPG08

customer code:



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

Or call 1.800.63.SPACE (1.800.637.7223) to make a reservation.

NOTE: A minimum height of 48 inches is required for the simulators used in the program curriculum, with the exception of G-Force Accelerator, which requires a minimum height of 50 inches. Maximum weight for simulators is 260 lbs. Closed-toe 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.