



Tired of the same old drag? Need a quick fix for the Winter Time Blues?

Don't spend another boring Spring Break at home with the gang, or bother getting a fast-peel sunburn at the beach.

Take off for a Space Break at U.S. SPACE CAMP®.

Be one of the first to try the exciting additions to Space Camp 1993.

By early March, Space Academy® trainees will suspend in mid-air off the side of the Underwater Astronaut Trainer as you conduct EVAs on the "Zero G Wall."

Both Space Camp and Space Academy trainees can suit up in white lab coats and gloves in March to build a satellite in the new Satellite Clean Room. It's super tidy with 10,000 dust particles per square inch instead of 100,000 particles like in normal rooms.

Inside the Clean Room, four-man crews will build satellite payloads to launch on the space shuttle simulators. Space Camp trainees will construct a basic component, and Space Academy Level I crews will choose a communications, scientific or earth-observation model.

Space
Break
93

Hold on to your seats in the Spacedome Theater as you soar over mountains and hug sharp curves in the action-packed OMNIMAX® movie SPEED. The 33-minute film uses Star Trek-type effects to pedal, fly and blast you through time and space to the edge of the universe and beyond.

Work quietly at the Endeavour simulator's mission control station with its new safety glass enclosure.

People who attend Space Camp in Huntsville in mid-spring will take a voyage through deep space in the motion-based simulator Journey to Jupiter. They'll travel with 29 other passengers aboard a futuristic public shuttle making fly-bys of a space station and space colony.

continued on next page



ZERO G WALL

Imagine floating weightless while capturing and repairing a satellite.

That will be one of the many mission scenarios on the new "Zero G Wall," which is scheduled to be operational by early March.

Space Academy trainees will be suspended off the side of the Underwater Astronaut Trainer to conduct extra-vehicular activities (EVAs) or space walk missions.

A unique water ballast system will make mission specialists neutrally buoyant while working on the "Zero G Wall."

Special seats similar to the 1/6th gravity chairs will be used. Water pumped into "buckets" counterweight the seats to give trainees the sensation of floating weightless.

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Trainees headed to Space Camp Florida the week of March 20 can catch the installation ceremony for 13 Gemini astronauts at the U.S. Astronaut Hall of Fame.

There's other bonuses in taking a Space Break '93. Trainees who attend between February and May will save at least \$125 off the summer tuition for Space Camp, Level I and Aviation Challenge. (Summer rates apply for April 4-23.)

Check with your school for your Spring Break schedule, then flip to the back page of the SPACE CAMP NEWS special edition and find out if a Space Camp buddy might be out of school at the same time. You can meet each other at Space Break '93.

Call 1-800-63-SPACE now to make your reservations for Space Break '93.

Zero G Wall continued from front page

Cables running through freely-moving pulleys will allow horizontal maneuvers along the wall.

The objective is to use a series of hand and foot restraints to scale the wall and complete assignments.

EVA's and spacewalk missions on the "Zero G Wall" will include building structures, repairing equipment and conducting rescue missions.

Trainees will capture and repair satellites, deploy solar array and collector panels and repair telescopes.



Aviation '93 Challenge

Former U.S. Navy F-14 pilot Bob Woolley, "Bully" says he's got some new "toys" for you to enjoy down at Aviation Challenge.

He's got a real-life MiG-17 Russian jet stashed behind the basic training building. The subsonic aircraft flies at 600 mph and

Woolley snagged it from the U.S. Air Force. "Go, Navy."

There's a T-38 jet on display, too. NASA uses the aircraft for astronaut training, and Air Force student pilots also use it for advanced training. It flies at Mach 1.2 and is similar to the F-5 Fighter Jet.

The biggest addition to Aviation Challenge, though, is the \$300,000 in simulator upgrades.

Basic and intermediate level trainees will use improved graphics in simulator missions.

Intermediates will experience detailed mountains, buildings and vehicles. Their missions will involve conflicts with Iraqi and Libyan jets, combining simulated air combat with AWAC support.

The B-52 cockpit will be used as an AWAC simulator with vectors and dogfights being monitored on radar simulators.

Basic level trainees won't be exposed to the AWAC missions, but they will learn the basics of air traffic controlling. Advanced and adult trainees will do both.

Another addition to the intermediate level will be a 12-hour mission involving land, water and simulator activities.

Watch for an announcement in the next issue about advanced and adult trainees flying with the Sky Warriors in Atlanta.

HOW TO SAVE MONEY

There are more ways than ever before to save money on your tuition in 1993. Here's a brief rundown.

- Save \$125 by registering for a Spring (tuitions from April 4-23 are the same as June-August session) or Fall session of SPACE CAMP, SPACE ACADEMY, Level I or AVIATION CHALLENGE.
- Save \$50 through the buddy discount by attending with a friend before May 31, 1993. (only in Space Camp grades 4, 5, and 6.)
- When more than one child from the same family with the same address attends any program during the same week, the first child will be at full tuition and each additional child will receive a 10 percent discount.
- If you have attended three sessions of SPACE CAMP, ACADEMY or AVIATION CHALLENGE, you will receive a 10 percent discount when attending your fourth through seventh sessions. Registration for your eighth (or more) session qualifies you for a 25 percent discount.
- If you attend two programs in consecutive weeks, a 10 percent discount is offered on the second week.
- School groups, 4-H clubs, scout troops and others of 15 or more can qualify for group discount rates. Ask for SPACE CAMP Group Reservations when you call the toll-free number.

For full details on all these ways to save money, call 1-800-63 SPACE. Be sure and ask for your free 1993 Official Alabama/Florida Application Guide.

1993 SESSION DATES

GRADES 4, 5, 6

U.S. SPACE CAMP (Alabama)

SESSION/DATE	SESSION/DATE
8 Feb 21-26	30 July 25-30
9 Feb 28-March 5	31 Aug 1-6
10 March 7-12	32 Aug 8-13
11 March 14-19	33 Aug 15-20
12 March 21-26	34 Aug 22-27
13 March 28-April 2	35 Aug 29-Sept 3
*14 March 31-April 5	36 Sept 5-10
14 April 4-9	37 Sept 12-17
*14 April 7-12	38 Sept 19-24
15 April 11-16	39 Sept 26-Oct 1
16 April 18-23	40 Oct 3-8
17 April 25-30	41 Oct 10-15
18 May 2-7	42 Oct 17-22
19 May 9-14	43 Oct 24-29
20 May 16-21	44 Oct 31-Nov 5
21 May 23-28	45 Nov 7-12
22 May 30-June 4	46 Nov 14-19
23 June 6-11	47 Nov 21-26
24 June 13-18	48 Nov 28-Dec 3
25 June 20-25	49 Dec 5-10
26 June 27-July 2	50 Dec 12-17
27 July 4-9	51 Dec 19-24
28 July 11-16	52 Dec 26-31
29 July 18-23	

GRADES 4, 5, 6, 7

U.S. SPACE CAMP (Florida)

SESSION/DATE	SESSION/DATE
9 Feb 28-March 5	24 June 13-18
10 March 7-12	25 June 20-25
11 March 14-19	26 June 27-July 2
12 March 21-26	27 July 4-9
13 March 28-April 2	28 July 11-16
*13 March 31-April 5	29 July 18-23
14 April 4-9	30 July 25-30
15 April 11-16	31 Aug 1-6
16 April 18-23	32 Aug 8-13
17 April 25-30	33 Aug 15-20
18 May 2-7	34 Aug 22-27
19 May 9-14	35 Aug 29-Sept 3
20 May 16-21	36 Sept 5-10
21 May 23-28	37 Sept 12-17
22 May 30-June 4	38 Sept 19-24
23 June 6-11	39 Sept 26-31

GRADES 7, 8, 9

AVIATION CHALLENGE Basic

SESSION/DATE	SESSION/DATE
*68 Feb 24-March 1	25 June 20-25
*69 March 3-8	26 June 27-July 2
*70 March 10-15	27 July 4-9
*71 March 17-22	28 July 11-16
*72 March 24-29	29 July 18-23
*73 March 31-April 5	30 July 25-30
*74 April 7-12	31 Aug 1-6
*75 April 14-19	32 Aug 8-13
*76 April 21-26	33 Aug 15-20
*77 April 28-May 3	34 Aug 22-27
*78 May 5-10	35 Aug 29-Sept 3
*79 May 12-17	36 Sept 5-10
21 May 23-28	37 Sept 12-17
22 May 30-June 4	38 Sept 19-24
23 June 6-11	39 Sept 26-Oct 1
24 June 13-18	

GRADES 7, 8, 9

U.S. SPACE ACADEMY Level I

Same as U.S. SPACE CAMP Alabama

GRADES 10, 11, 12

AVIATION CHALLENGE

Intermediate

SESSION/DATE	SESSION/DATE
74 April 7-12	28 July 11-16
75 April 14-19	29 July 18-23
76 April 21-26	30 July 25-30
77 April 28-May 3	31 Aug 1-6
78 May 5-10	32 Aug 8-13
79 May 12-17	33 Aug 15-20
21 May 23-28	34 Aug 22-27
22 May 30-June 4	35 Aug 29-Sept 3
23 June 6-11	36 Sept 5-10
24 June 13-18	37 Sept 12-17
25 June 20-25	38 Sept 19-24
26 June 27-July 2	39 Sept 26-Oct 1
27 July 4-9	

GRADES 10, 11, 12

U.S. SPACE ACADEMY Level II

SESSION/DATE	SESSION/DATE
8 Feb 20-27	32 Aug 7-14
9 Feb 27-March 6	33 Aug 14-21
10 March 6-13	34 Aug 21-28
11 March 13-20	35 Aug 28-Sept 4
12 March 20-27	36 Sept 4-11
13 March 27-April 3	37 Sept 11-18
14 April 3-10	38 Sept 18-25
15 April 10-17	39 Sept 25-Oct 2
16 April 17-24	40 Oct 2-9
17 April 24-May 1	41 Oct 9-16
18 May 1-8	42 Oct 16-23
19 May 8-15	43 Oct 23-30
20 May 15-22	44 Oct 30-Nov 6
21 May 22-29	45 Nov 6-13
22 May 29-June 5	46 Nov 13-20
23 June 5-12	47 Nov 20-27
24 June 12-19	48 Nov 27-Dec 4
25 June 19-26	49 Dec 4-11
26 June 26-July 3	50 Dec 11-18
27 July 3-10	**52 Dec 26-Jan 2
28 July 10-17	
29 July 17-24	
30 July 24-31	
31 July 31-Aug 7	

** Sunday-Sunday due to holiday

ADULT

U.S. SPACE ACADEMY Level I

SESSION/DATE	SESSION/DATE
17 April 30-May 2	31 Aug 6-8
18 May 7-9	32 Aug 13-15
19 May 14-16	33 Sept 3-5
20 May 21-23	36 Sept 10-12
21 May 28-30	37 Sept 17-19
22 June 4-6	38 Sept 24-26
23 June 11-13	39 Oct 1-3
24 June 18-20	40 Oct 8-10
25 June 25-27	41 Oct 15-17
26 July 2-4	42 Oct 22-24
27 July 9-11	43 Oct 29-31
28 July 16-18	44 Nov 5-7
29 July 23-25	45 Nov 12-14
30 July 30-Aug 1	

ADULT

U.S. SPACE ACADEMY Level II

SESSION/DATE	SESSION/DATE
43 Oct 23-30	48 Nov 27-Dec 4
45 Nov 6-13	49 Dec 4-11
46 Nov 13-20	

ADULT

AVIATION CHALLENGE

SESSION/DATE	SESSION/DATE
21 May 28-30	35 Sept 3-5
22 June 4-6	36 Sept 10-12
23 June 11-13	37 Sept 17-19
27 July 9-11	38 Sept 24-26
32 Aug 13-15	

PARENT/CHILD

Florida Campus

SESSION/DATE	SESSION/DATE
1 Jan 1-3	28 July 16-18
3 Jan 15-17	29 July 23-25
6 Feb 12-14	30 July 30-Aug 1
14 April 9-11	31 Aug 6-8
18 May 7-9	32 Aug 13-15
20 May 21-23	33 Aug 20-22
21 May 28-30	34 Aug 27-29
22 June 4-6	35 Sept 3-5
23 June 11-13	37 Sept 17-19
24 June 18-20	40 Oct 8-10
25 June 25-27	41 Nov 26-28
26 July 2-4	52 Dec 26-28
27 July 9-11	

PARENT/CHILD

Alabama Campus

SESSION/DATE	SESSION/DATE
1 Jan 1-3	28 July 16-18
6 Feb 12-14	29 July 23-25
17 Apr 30-May 2	30 July 30-Aug 1
18 May 7-9	31 Aug 6-8
19 May 14-16	32 Aug 13-15
20 May 21-23	33 Aug 20-22
21 May 28-30	34 Aug 27-29
22 June 4-6	35 Sept 3-5
23 June 11-13	36 Sept 10-12
24 June 18-20	43 Oct 29-31
25 June 25-27	47 Nov 26-28
26 July 2-4	50 Dec 17-19
27 July 9-11	

EDUCATORS

SPACE ORIENTATION: HANDS ON (Alabama)

SESSION/DATE	SESSION/DATE
22 May 30-June 4	28 July 11-16
23 June 6-11	29 July 18-23
24 June 13-18	30 July 25-30
25 June 20-25	31 Aug 1-6
26 June 27-July 2	32 Aug 8-13
27 July 4-9	

EDUCATORS

SPACE ACADEMY (Alabama)

SESSION/DATE	SESSION/DATE
11 March 14-19	31 Aug 1-6
30 July 25-30	

EDUCATORS

SPACE ACADEMY (Florida)

SESSION/DATE	SESSION/DATE
6 Feb 9-14	31 Aug 3-8
25 June 22-27	45 Nov 9-14
28 July 13-18	

Call 1-800-63-SPACE
to reserve your mission date

SPRING BREAK CALENDAR 1993

THESE ARE DATES FOR SOME STATES AND CITIES.

MARCH 8-12

Anchorage, Alaska
Jackson, Miss.

MARCH 15-19

Springfield, Mo.
Mesa, Ariz.
Ft. Worth, Texas

MARCH 22-26

Jefferson, Colo.
Colorado Springs, Colo.
Denver
Boise, Idaho
Des Moines, Iowa
Wichita, Kansas
Shawnee Mission, Kansas
Kansas City, Kansas
Shreveport, La.
Tulsa, Okla.
Oklahoma City, Okla.
Hawaii
Portland
Knoxville, Tenn.

MARCH 29- APRIL 2

Huntsville, Ala.
Birmingham, Ala.
Lansing, Mich.
Indianapolis
Minneapolis
Tampa
Lexington, Ky.
Louisville, Ky.

APRIL 5-9

Madison, Wis.
Greensboro, N.C.
Ft. Wayne, Ind.
Hartford, Conn.
Fairfax, Va.
Las Vegas
Albuquerque, N.M.
Mobile, Ala.
District of Columbia
New York City
Miami

Clearwater, Fla.
Ft. Lauderdale, Fla.
Atlanta
Seattle
Spokane, Wash.
Cincinnati
Nashville
Los Angeles
San Francisco
San Diego
St. Paul, Minn.
Philadelphia

APRIL 12-16

Jacksonville, Fla.
Reno, Nev.
Buffalo, N.Y.
Peoria, Ill.
New Orleans
Newark, N.J.
Jersey City, N.J.

APRIL 26-30

Chicago
New Hampshire

1993 TUITION

	GRADE	DAYS	FEB.- MAY***	JUNE- AUG.	SEPT.- DEC.
YOUTH					
U.S. SPACE CAMP-Alabama	4-6	5	\$475	\$600	\$475
U.S. SPACE CAMP-Florida	4-7	5	\$475	\$600	\$475
U.S. SPACE ACADEMY Level I	7-9	5	\$525	\$650	\$525
U.S. SPACE ACADEMY Level II	10-12	8	\$725	\$725	\$725
AVIATION CHALLENGE (Both)	7-12	5	\$525	\$650	\$525
ADULT					
Adult SPACE ACADEMY Level I		3	\$500	\$500	\$500
Adult SPACE ACADEMY Level II		8	—	—	\$700
Adult AVIATION CHALLENGE		3	\$500	\$500	\$500
SPACE ACADEMY FOR EDUCATORS*		5	\$650	\$650	\$650
EDUCATORS CREDIT COURSES**		5	\$750	\$750	\$750
PARENT AND CHILD SPACE CAMP**		3	†\$250	†\$250	†\$250

*Denotes Alabama location only. **Denotes programs in Alabama and Florida. ***Easter tuitions from April 4-23 are the same as June-August session. Session 22, May 30-June 4 tuition is the same as June-August. Tuitions are subject to change without notice. †\$500 total tuition based on one parent and one child attending together.

GROUP DISCOUNT TUITION

Groups of 15 or more students can save 10% or more during select Fall, Winter, or Spring sessions. Call **1-800-63-SPACE** for more specific information.

U.S. Space & Rocket Center

P.O. Box 070015
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Campuses in Alabama and Florida

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