CAMP FLORIDA TECH 2017
Extraordinary options for SUMMER LEARNING & FUN!
2017 Academic Camps

Florida Tech makes it possible for your child to spend the summer having fun and learning at the same time. With several summer camps to choose from in science, engineering, aviation and business, there's something for every child's interests.

Please note: Camps are subject to change. Visit camps.fit.edu for the most up-to-date information.

ADVANCED AVIATION ACADEMY

Campers get to explore more advanced aspects of aviation from aircraft simulators to air traffic control and more. Pilot a real airplane with one of our certified flight instructors on a cross country flight to Titusville Regional Airport.

DATES: July 10–14
AGES: Grades 9–12
LINK: Advanced Aviation Academy
URL: http://www.fitaviation.com/explore/community-outreach/summer-flight-camp.php

APPLIED ENGINEERING CAMP

This camp teaches students the hands-on skills they’ll need to turn their ideas and designs into full-size prototypes. Students will learn about a variety of topics like welding, computer-aided drawing and manufacturing software, standard machining equipment and more. Participants put those skills to use creating an RC hovercraft during this week-long camp.

DATES: Session 1: June 12–16  Session 2: June 26–30
AGES: 16+
LINK: Applied Engineering Camp
URL: http://camps.fit.edu/applied-engineering

AVIATION/AEROSPACE EXPERIENCE

Participants of this one-week camp experience activities highlighting aspects of both aviation and aerospace fields. Campers take part in activities and exercises like building and launching their own model rocket and flying to and landing on the shuttle landing strip at Kennedy Space Center!

DATES: July 17–21
AGES: Grades 7–12
LINK: Aviation/Aerospace Experience
URL: http://www.fitaviation.com/explore/community-outreach/summer-flight-camp.php

BASIC FLIGHT CAMP

This camp gives students a unique opportunity to explore the vast and exciting world of aviation. Participants learn about the basics of aviation through a variety of lessons in the classroom, simulator and aircraft. Campers have the opportunity to pilot a real aircraft with one of our certified flight instructors as well as participate in field trips and presentations by aviation professionals.

DATES: Session 1: June 5–9 (Grades 7–9)  Session 2: June 19–23 (Grades 10–12)
9 a.m.–4 p.m.
AGES: Grades 7–12
LINK: Basic Flight Camp
URL: http://www.fitaviation.com/explore/community-outreach/summer-flight-camp.php

COMPUTER CAMP ALPHA: COMPUTING WITH ALICE

Is your student interested in learning how to program in high-demand languages like Java, C++, and C#? Would they like to learn by making movies and video games? In this camp, students get to learn about programming by telling stories and making movies and games using the revolutionary Alice software.

DATES: July 17–21, 9 a.m.–3 p.m.
AGES: Grades 9–12
LINK: Computer Camp Alpha
URL: http://cs.fit.edu/Academics/summercamp

COMPUTER CAMP BETA: PROBLEM SOLVING WITH COMPUTING

How does Google Maps give you driving directions? How does Netflix recommend movies for you to rent? How does your email program identify spam/junk email? In this camp, students learn how to solve real-life problems by designing and writing computer programs in Java. Prior experience in the Java programming language is not assumed.

DATES: July 24–28, 9 a.m.–3 p.m.
AGES: Grades 9–12
LINK: Computer Camp Beta
URL: http://cs.fit.edu/Academics/summercamp

ENGINEERING CAMP

This camp is an outstanding introduction to an engineering career. Students witness laboratory demonstrations and conduct well-designed experiments in aerospace, chemical, civil, electrical, mechanical and ocean engineering, as well as computer science, nanotechnology and physics. They also learn about MATLAB, AutoCAD and Pro Engineer.

DATES: Session 1: July 9–14  Session 2: July 16–21
8 a.m.–5 p.m.
AGES: Grades 10–12
LINK: Engineering Camp
URL: http://camps.fit.edu/engineering

Academic Camps continued on page 3
Girls in STEM camp is designed to provide an opportunity to get hands-on experience at the cutting edge of modern STEM fields. The goal of the camp is to encourage and inspire the next generation of female STEM professionals. Students will be exposed to research in various areas of science and engineering, including marine and environmental sciences, electrical and computer engineering, and mechanical and aerospace engineering. Students will also be introduced to graph theory, statistics, data mining, and mathematical modeling techniques and software, while developing problem solving and analytical thinking skills. Several lab experiments, field trips and social events are planned to provide a fun and unique learning experience for everyone.

**DATES:** June 26–30  
**AGES:** Grades 9–12  
**LINK:** [Girls in STEM](http://camps.fit.edu/girls-stem)  
**URL:** [Girls in STEM](http://camps.fit.edu/girls-stem)

Marine Science & Coastal Engineering Camp

Each day the campers are involved in hands-on activities and field trips to help them learn about the many aspects of marine and environmental science. Activities may include measuring water quality in the Indian River Lagoon, examining shoreline processes and beach erosion, and studying the effects of pollution on the marine environment.

**DATES:** July 10–15  
9 a.m.–5 p.m.  
**AGES:** 10–18  
**LINK:** [Marine Science/Engineering Camp](http://camps.fit.edu/does)  
**URL:** [http://camps.fit.edu/does](http://camps.fit.edu/does)
2017 Sports Camps

BASKETBALL CAMPS

BILLY MIMS BOYS BASKETBALL CAMP
This highly popular summer basketball camp, designed for individuals ages 6–17, focuses on developing fundamental skills through individual competitions and team games. The Florida Tech coaching staff and players lead the instruction throughout camp.

DATES: Session 1: June 19–23
         Session 2: July 10–14
         Session 3: July 17–21
9 a.m.–5 p.m.

AGES: 6–17
LINK: Boys Basketball Camp

FOOTBALL CAMPS

FOOTBALL PASSING ACADEMY
Quarterbacks, running backs, wide receivers, tight ends, linebackers and defensive backs learn skills from Florida Tech coaches and work on the fundamentals of the college football passing game.

DATES: June 26–27
AGES: Grades 9–11
LINK: Football Passing Academy

FOOTBALL SPECIALIST CAMP
This camp is designed for kickers, punters and long snappers looking to better their skills through coaching in the film room and on the practice field.

DATES: July 13–14
AGES: 14–18
LINK: Football Specialist Camp

FOOTBALL PROSPECTS CAMP
This one-day camp is designed to give high school athletes who are interested in playing football in college the opportunity to get in front of college coaches and recruiters.

DATES: Session 1: June 8
        Session 2: June 11
        Session 3: June 15
        Session 4: June 22
        Session 5: June 24
        Session 6: July 15
        Session 7: July 22
AGES: Grades 9–12
LINK: Football Prospects Camp

FOOTBALL YOUTH CAMP
Led by the Florida Tech football coaching staff, this youth camp focuses on improving basic football techniques. Students participate in fun and challenging skill-building activities including receiver and offensive line drills, blocking, agility and quarterback training and an obstacle course.

DATES: Session 1: June 5–7
        Session 2: June 12–14
        Session 3: June 19–21
9 a.m.–3 p.m.

AGES: Grades 2–8
LINK: Youth Football Camp

JUNE REYNOLDS GIRLS BASKETBALL ELITE SKILLS CAMP
During this camp, players have the opportunity to practice basic fundamental skills, as well as learn more about strategy and various team offensive and defensive systems. Camp features award-winning coaches, 3-on-3 games, free camp T-shirts and individual evaluations.

DATES: June 12–16
AGES: Grades 7–12
LINK: Girls Basketball Camp

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SOCER CAMPS

YOUTH SOCCER CAMP (BOYS AND GIRLS)
During the week, soccer players get a crash course in soccer techniques and game competition. Led by the Florida Tech coaching staff, this camp features technical training in areas such as shooting, handling, sprinting, crossing and passing, as well as scrimmage play and ending with a World Cup tournament.

DATES: Session 1: May 30–June 2
Session 2: June 5–8
Session 3: June 12–15
9 a.m.–3 p.m.

AGES: 5–14
LINK: Youth Soccer Camp

MEN'S ELITE SOCCER CAMP (OVERNIGHT)
Using the Global Method of Coaching, this camp incorporates the technical, tactical, physical and psychological aspects of the game with big focus on preparing for the collegiate level. Instructors also provide lectures on the recruiting process, strength and conditioning workouts and agility workouts.

DATES: July 20–23
AGES: Grades 9–12
LINK: Men's Overnight Elite Soccer Camp

WOMEN'S SOCCER ID CAMP (OVERNIGHT)
This camp includes technical training sessions that recreate the collegiate soccer environment. Evening sessions are dedicated to games. Florida Tech soccer coaching staff also provides daily lectures in a classroom setting on the college recruiting process.

DATES: June 17–20
AGES: Grades 9–12
LINK: Women's Overnight Elite Soccer ID Camp

MULTIPLE SPORTS

ALL SPORTS CAMPS FOR BOYS AND GIRLS
This camp is designed to teach basic to advanced skills in swimming, along with instruction and recreational play in: swimming, soccer, volleyball, basketball, noodle water polo, flag football, kickball, dodgeball and whiffleball. The emphasis of the camp is on team recreational play, safety and fun. All skills taught are intermingled with games to help make the sport fun.

DATES: June 5–9, 8:30 a.m.–Noon
AGES: 6–16
LINK: All Sports Camp
URL: http://floridatechsports.com/sports/2016/8/19/all-sports-camp.aspx?id=43

OTHERS SPORTS

ATHLETIC TRAINING CAMP
This camp provides high school students with the opportunity to learn a wide variety of athletic training and emergency care skill from the nationally certified and Florida State licensed athletic training staff at Florida Tech.

DATES: July 10–14, 8 a.m.–Noon
AGES: 14–18
LINK: Athletic Training Camp

BOYS LACROSSE CAMP
This camp covers the basics in the sport of lacrosse, instructed by the Florida Tech Men’s Lacrosse coaching staff. Topics include catching, throwing, dodging, shooting, ground ball play, position defense, defensive checks, offensive and defensive team concepts.

DATES: June 19–23
AGES: Grades 3–12
LINK: Boys Lacrosse Camp

SNORKELING CAMP
This snorkeling camp is a lead-in to scuba diving, taught in a safe, educational and fun environment. This camp teaches the fundamentals of snorkeling, including emphasis on proper usage of mask, fins and snorkel. All skills are intermingled with pool games. There is also an introduction to basic first aid and environmental conservation.

DATES: June 12–16, 8:30 a.m.–Noon
AGES: 6–13
LINK: Snorkeling Camp
URL: http://floridatechsports.com/sports/2016/8/19/snorkeling.aspx?id=50

SWIMMING CAMP
The 2017 Florida Tech Elite Swim Camp is geared toward all ages of competitive swimming. The Stroke & Skill session will cover all technical aspects of the sport, including starts and turns. The Speed & Power session will not only include these skills, but also cover crucial factors in developing speed and power. Resistance swimming will be utilized via power racks/power towers, as well as an introduction to the tactical skills necessary in sprint swimming. The camp is instructed and supervised by Florida Tech Swimming coaching staff and current student-athletes. Each camper will receive a 30-minute individual skill session with a member of the coaching staff.

DATES: Session 1: June 19–23
Session 2: July 10–14
9 a.m.–4 p.m.

AGES: 18 and under
LINK: Swimming Camp
URL: http://floridatechsports.com/sports/2016/8/19/swimming-camp.aspx?id=54

SOFTBALL CAMP
This camp covers all fundamentals of the game including throwing, catching, fielding, hitting and all defensive positions. Students are assigned to different groups according to age and skill level. Beginners, intermediate and advanced players are encouraged to attend.

DATES: Session 1: June 19–22
Session 2: June 26–29
9 a.m.–4 p.m.

AGES: 8–14
LINK: Softball Camp

SOFTBALL PROSPECTS CAMP
This is an advanced overnight camp for athletes that are looking to play softball in college.

DATES: July 17–20

AGES: 12–18
LINK: Softball Prospects Camp
MORNINGS ART CAMPS
Morning session classes are designed for children to explore and experience a variety of art media. Instructors teach the creative process through problem-solving, teamwork and individual expression. These mixed-media classes are perfect for campers at all skill levels. Topics include art appreciation, museum etiquette and mixed-media arts (painting, drawing, sculpture).

DATES: June 6–July 28, 9 a.m.–12 p.m.
AGES: Rising Preschoolers–6th Grade
LINK: Art Camp
URL: www.foosanerartmuseum.org/summer-art-camp.php

AFTERNOON ART CAMPS
Afternoon camps explore a specific medium each week. Is your student fascinated by the paintbrush? Enthralled with printmaking? These programs are great for the young artist, grades 1–6, who is interested in a specific art form, such as printmaking, 3-D art, drawing or painting. No prior experience is necessary and all levels are welcome!

DATES: June 5–29, 1–4 p.m.
AGES: Rising Grades 1–6
LINK: Art Camp
URL: www.foosanerartmuseum.org/summer-art-camp.php

FULL-DAY ART CAMPS
Young artists may choose to spend a full day at the museum by combining the Summer Morning Camp and Summer Afternoon Camp. A packed lunch is enjoyed with friends and instructors for one hour between noon and 1 p.m. along with some creative rest and relaxation. Topics include art appreciation, museum etiquette, mixed-media arts (painting, drawing, sculpture and fiber art), printmaking, drawing, painting and 3-D art.

DATES: June 6–July 28, 9 a.m.–4 p.m.
AGS: Rising Grades 1–6
LINK: Art Camp
URL: www.foosanerartmuseum.org/summer-art-camp.php