



*Florida Institute of Technology*  
*High Tech with a Human Touch™*

# APPLICATION FOR UNDERGRADUATE ADMISSION

*undergraduate first-year and transfer students*

[www.fit.edu/ugrad/apply](http://www.fit.edu/ugrad/apply)



**2010–2011**

## UNDERGRADUATE STUDENT INFORMATION

### Application Requirements for First-Year Admission

The Office of Undergraduate Admission carefully reviews all candidates for admission, using evaluation criteria to determine a student's ability to complete several years of rigorous study. Applications are reviewed with reference to specific degree programs or for admission to first-year programs in general engineering, general science or general studies.

In addition to a completed application for admission and the \$50 application fee (for paper applications), applicants must submit:

- Transcripts (indicating a strong high school curriculum and achievement in college preparatory classes)
- SAT or ACT results (for current high school students and high school graduates for less than two years)
- Two letters of recommendation (from counselor and/or teachers)
- An essay (see essay requirement on the back of the majors page)

The required documents will be used to determine the potential for success in an applicant's chosen field of study.

Participation in special classes, clubs or teams that involve research projects/opportunities and advanced problem-solving techniques is encouraged and should be indicated in the application process.

Although an admission interview is not required, campus visits and interviews with admission counselors are highly recommended. An interview, mid-year grades or additional testing may be requested at the discretion of the admission committee.

Florida Tech operates on a "rolling" admission basis and will accept applications throughout the school year. A student may submit an application anytime after the end of their junior year of high school. It is recommended that applicants for the fall semester submit all application materials as soon as possible after starting their senior year in high school and completing the SAT or ACT. For full academic scholarship consideration, applicants for the fall semester should submit all application materials by **January 15**. Each applicant will be notified of an admission decision as soon as possible after the applicant's file is complete and evaluated.

### Admission Guidelines

Applicants must demonstrate readiness to succeed in a challenging academic curriculum. The transcript from a regionally accredited or state approved high school is the most important element of the application. While no minimum grade point average, class rank or standardized test score is specified, these measures must indicate a readiness for college studies in a chosen academic program. An applicant who is a U.S. citizen must have earned a high school diploma from a regionally accredited or state approved high school or a high school equivalency diploma (G.E.D.) by the date of first enrollment. All offers of admission are tentative if the student has high school or collegiate course work in progress. Final admission is dependent on receipt and review of the student's final transcripts.

Science and engineering applicants should complete four years of mathematics, the minimum level including trigonometry, mathematics analysis, analytical geometry or precalculus. Science and engineering applicants are also expected to have taken four years of science, to include physics and chemistry. The committee recommends students take the most rigorous mathematics and science curriculum offered by the high school.

Applicants for aeronautics, business, psychology and liberal arts majors must complete at least three years of mathematics. A fourth year of mathematics is highly recommended. Applicants for these majors must also complete at least three years of science, with a fourth year recommended.

A home-schooled applicant must submit a transcript of academic work including an assessment of the level attained in mathematics and the sciences, and the texts that were used; a self-descriptive, one-page essay that includes academic, community and athletic accomplishments, career goals and work experience; SAT or ACT scores and two letters of recommendation. It is recommended that a high school equivalency diploma (G.E.D.) be obtained prior to matriculation. Although SAT II (Subject Exam) scores are not required, it is strongly suggested that SAT II results in Mathematics Level 2, Chemistry, Physics and Literature be submitted.

Applicants who present G.E.D. scores must also present secondary school records and standardized test scores.

### Mailing Instructions

Please make sure to sign the application and mail to:

**Florida Institute of Technology  
Office of Undergraduate Admission  
150 W. University Blvd.  
Melbourne, FL 32901-6975**

### Admitted Students

Merit-based scholarships are determined at the time of admission to Florida Tech and are based on past academic performance (GPA and SAT or ACT results). Applications must be received by **January 15** to be considered for Florida Tech's Merit Scholarship Program. To maximize a student's opportunities for all types of assistance including federal, state and university need-based grants, it is recommended that a student submit a FAFSA by **March 1** of the academic year in which they wish to enroll. Request that a copy of your student aid report be sent to Florida Tech by listing our Title IV code on the FAFSA (001469).

Florida Tech subscribes to the College Board candidates' reply date of **May 1**. A \$300 nonrefundable tuition deposit is required as a means of confirming a student's intention to attend Florida Tech. Payment is due by **May 1**. If you are admitted after May 1, or for the spring or summer terms, submit payment within 30 days of the date on the acceptance letter. The deposit guarantees a place in the entering class in the indicated major/program and is applied to the student's account. In addition to the nonrefundable tuition deposit, admitted students will also submit the Attendance Confirmation Form that is included with acceptance packet.

Entering first-year students can qualify for advanced standing by earning academic credit through any of the following programs:

- Advanced Placement Exams (AP) administered each May by the College Board (must receive a score of 4 or 5)
- International Baccalaureate (IB) (based on an IB diploma or achieving a score of 4 or higher on the HL IB exams)
- Cambridge Advanced-Level Examinations (A-levels)
- Dual enrollment at a regionally accredited college, university or community college

Official results of these examinations or college transcripts must come directly to Florida Tech from the examination board or college attended. The actual credit awarded for each examination can be found through the navigation menu at [www.fit.edu/ugrad/admininfo/freshmanreq.htm](http://www.fit.edu/ugrad/admininfo/freshmanreq.htm).

Once admitted to the university, incoming students are assigned a TRACKS username and password that allows them access to Panther Pass. Panther Pass (<https://pantherpass.fit.edu>) is an online orientation portal that guides newly admitted students through all mandatory tasks required between acceptance and university orientation.

### Admission Requirements for Transfer Students

Applicants to Florida Tech must demonstrate readiness to succeed in a challenging academic curriculum. Transcripts are the most important element of the application. While no minimum grade point average is specified, the student's GPA must indicate a readiness for college studies in a chosen academic program.

Transfer applicants must provide official transcripts from any and all colleges and universities attended. Students who have earned less than 24 semester credit hours will be evaluated as a first-year candidate (see above criteria). Admission will be granted to those applicants who have completed appropriate course work that indicates progress toward their chosen field of study.

### Admission Requirements for International Students

Florida Tech provides a certificate of eligibility (I-20) to all admitted international students. The form is used to apply for the F-1 student visa. It also verifies to U.S. immigration officials the student is academically qualified to attend Florida Tech and has sufficient funds to cover the first year of study and that subsequent funds will be available for the future. Students must demonstrate proof of financial support at the time of application. Florida Tech policy states that students are required to attend for one full semester when entering the United States on a Florida Tech-provided I-20 form. Florida Tech will not release a student to another educational institution until the student completes one semester at Florida Tech.

*Please note:* Overseas applicants should use the International Application for Undergraduate Admission, which can be downloaded or completed online at [www.fit.edu/ugrad/apply](http://www.fit.edu/ugrad/apply).

### Demonstrating English Proficiency

English language proficiency is not required for admission, but enrollment in academic courses will be limited for all whose home language is not English until proficiency can be demonstrated. More information on English proficiency can be found on the university Web site at: [www.fit.edu/ugrad/admininfo/international/EnglishProficiency.htm](http://www.fit.edu/ugrad/admininfo/international/EnglishProficiency.htm)

## ACADEMIC PROGRAMS

This chart details the undergraduate programs offered at Florida Tech. Write the major and code on the “Major” line on your application to indicate the program of study to which you’d like to be considered. A list of minors is provided as well. Minors are optional. You may choose to add a minor any time during your attendance at Florida Tech. If you decide to change your major after you are admitted, but before you attend, please contact your admission counselor or the Office of Undergraduate Admission for assistance.

### *Undergraduate Majors, Options, Concentrations, Emphases And Minors*

#### **College of Aeronautics**

Aeronautical Science (B.S. degree) .....	7103
Aeronautical Science Flight Option (B.S. degree) .....	7102
Aviation Computer Science (B.S. degree) .....	7104
Aviation Management (B.S. degree) .....	7114
Aviation Management Flight Option (B.S. degree) .....	7113
Aviation Meteorology (B.S. degree) .....	7106
Aviation Meteorology Flight Option (B.S. degree) .....	7105

#### **College of Business**

Accounting (B.S. degree) .....	7267
Business Administration (B.S. degree) .....	7067
Business and Environmental Studies (B.S. degree) .....	7167
eCommerce Technology (B.S. degree) .....	7568
Information Management (B.S. degree) .....	7468
International Business (B.S. degree) .....	7867
Marketing (B.S. degree) .....	7667
General Studies (Year 1 only) .....	7060

#### **College of Engineering**

Aerospace Engineering (B.S. degree) .....	7044
Chemical Engineering (B.S. degree) .....	7033
Biochemical Engineering Emphasis	
Business Emphasis	
Environmental Engineering Emphasis	
Materials Science and Engineering Emphasis	
Chemistry/Chemical Engineering Dual Degree Program	
Civil Engineering (B.S. degree) .....	7043
Environmental Engineering Emphasis	
Computer Engineering (B.S. degree) .....	7042
Computer Science (B.S. degree) .....	7071
Construction (B.S. degree) .....	7045
Electrical Engineering (B.S. degree) .....	7041
Environmental Science (B.S. degree) .....	7222
Mechanical Engineering (B.S. degree) .....	7131
Meteorology (B.S. degree) .....	7224
Ocean Engineering (B.S. degree) .....	7084
Oceanography (B.S. degree) .....	7080
Biological Oceanography Concentration	
Chemical Oceanography Concentration	
Coastal Zone Management Concentration	
Marine Environmental Science Concentration	
Physical Oceanography Concentration	
Software Engineering (B.S. degree) .....	7075
General Engineering (Year 1 only) .....	7040

#### **College of Psychology and Liberal Arts**

Communication (B.S. degree) .....	7183
Business and Marketing Concentration	
Scientific and Technical Concentration	
Forensic Psychology (B.A. degree) .....	7146
Humanities (B.A. degree) .....	7185
Psychology (B.A. and B.S. degree programs)	
B.A. .....	7144
B.S. .....	7141
Animal Learning and Behavior Concentration	
Applied Behavior Analysis Concentration	
Clinical Concentration	
Industrial/Organizational Concentration	
Social-Cultural Concentration	
Sport Concentration	
General Studies (Year 1 only) .....	7060

#### **College of Science**

Biochemistry (B.S. degree) .....	7028
Biomathematics (B.S. degree) .....	7078
Biological Sciences (B.S. degree)	
Aquaculture Option .....	7026
Ecology Option .....	7021
General Biology Option .....	7022
Marine Biology Option .....	7023
Molecular Biology Option .....	7025
Pre-health Professions (Premed) Biology Option .....	7024
Chemistry (B.S. degree)	
Chemical Management Option .....	7032
General Chemistry Option .....	7031
Pre-health Professions (Premed) Chemistry Option .....	7036
Research Chemistry Option .....	7034
Education, Middle Grades Math and Science (B.S. degree) .....	7151
Interdisciplinary Science (B.S. degree) .....	7035
Military Science Option .....	7037
Mathematical Sciences (B.S. degree) .....	7076
Applied Mathematics Option .....	7077
Mathematics Education (B.S. degree) .....	7150
Physics (B.S. degree) .....	7101
Pre-health Professions (Premed) Physics Option .....	7135
Science Education (B.S. degree)	
Biology Option .....	7121
Chemistry Option .....	7122
Earth and Space Sciences Option .....	7129
General Science Option .....	7124
Physics Option .....	7125
Space Sciences (B.S. degree)	
Astrobiology .....	7137
Astronomy and Astrophysics .....	7136
Solar, Earth and Planetary Science .....	7132
General Science (Year 1 only) .....	7050

#### **ProTrack Engineering Cooperative Education (Co-op) Program**

The ProTrack Co-op program incorporates three semester-long, paid professional internship experiences into a student’s chosen College of Engineering four-year degree program. Interested applicants should check the appropriate box on their application form.

#### **Minor Programs**

Accounting .....	6267
Biology .....	6021
Business Administration .....	6067
Chemistry .....	6031
Communication .....	6183
Computational Mathematics .....	6073
Computer Science .....	6071
Education .....	6123
Environmental Science .....	6222
Forensic Psychology .....	6146
History .....	6186
Management .....	6065
Management Information Systems .....	6467
Meteorology .....	6224
Oceanography .....	6080
Physics .....	6101
Psychology .....	6144

## Important Dates

### Submission Dates for First-Year Students

Florida Tech Scholarship Program Deadline .....	January 15
Endorsement Grant Forms .....	January 15
FAFSA Early Filers Award Deadline .....	March 1
Tuition Deposit for Fall Term .....	May 1
Application .....	Rolling

### Submission Dates for Transfer Students

Application Deadline for Fall Term .....	August 1
Application Deadline for Spring Term .....	December 15
Application Deadline for Summer Term .....	April 1

Please submit your \$50 application fee

(Online application available at: [www.fit.edu/ugrad/apply](http://www.fit.edu/ugrad/apply))

Choose one:  FRESHMAN  TRANSFER

Choose one:  FULL-TIME  PART-TIME

Choose a term of entry:  Fall, August \_\_\_\_\_  Spring, January \_\_\_\_\_  Summer, May \_\_\_\_\_ (transfer students only)

### PERSONAL INFORMATION

PRINT YOUR NAME BELOW EXACTLY AS IT APPEARS ON YOUR SOCIAL SECURITY CARD OR PASSPORT

\_\_\_\_\_  
Last Name First Name Middle Preferred Name (Nickname)

LIST ANY OTHER NAMES (OR OTHER SPELLINGS) UNDER WHICH YOU WERE ENROLLED AT ANOTHER INSTITUTION:

\_\_\_\_\_  
Last Name First Name Middle

SOCIAL SECURITY NUMBER \_\_\_\_\_ DATE OF BIRTH \_\_\_\_\_ AGE \_\_\_\_\_ GENDER  Male  Female  
Optional MM/DD/YYYY

LANGUAGE SPOKEN IN THE HOME \_\_\_\_\_ COUNTRY OF CITIZENSHIP \_\_\_\_\_

CITY OF BIRTH \_\_\_\_\_ COUNTRY OF BIRTH \_\_\_\_\_

**INTENDED MAJOR** \_\_\_\_\_ **CODE** \_\_\_\_\_

(Applicants must indicate a major or general field of study. All codes are listed on the academic majors and programs page. Do not leave blank.)

I am interested in the **ProTrack** Engineering Co-op program (engineering majors only)

I am interested in the **FastTrack** five-year master's degree program (all majors)

#### PERMANENT ADDRESS

Street \_\_\_\_\_

City/State/ZIP \_\_\_\_\_ County \_\_\_\_\_

Phone ( ) \_\_\_\_\_ Cell Phone ( ) \_\_\_\_\_

E-mail \_\_\_\_\_

#### MAILING ADDRESS (if different than permanent address)

Street \_\_\_\_\_ City/State \_\_\_\_\_ ZIP \_\_\_\_\_

FATHER'S NAME \_\_\_\_\_ (Or Legal Guardian)  
MOTHER'S NAME \_\_\_\_\_ (Or Legal Guardian)

Home Street Address \_\_\_\_\_

City/State/ZIP \_\_\_\_\_

Home Phone ( ) \_\_\_\_\_

Daytime Phone ( ) \_\_\_\_\_

Employer \_\_\_\_\_

Occupation \_\_\_\_\_

E-mail \_\_\_\_\_

This person is an alumnus of Florida Tech. Graduation Year \_\_\_\_\_

My brother or sister is currently enrolled at Florida Tech. Name \_\_\_\_\_ Graduation Year \_\_\_\_\_

The following information is optional and will not, in any way, be used in a discriminatory manner.

If you are a U.S. citizen or permanent resident, are you applying for financial aid?  Yes  No

Religious Preference \_\_\_\_\_ Marital Status  Single  Married

#### U.S. citizens, select all that apply:

Hispanic or Latino

Asian

Native Hawaiian or other Pacific Islander

American Indian or Alaska Native

Black or African American

White

#### \*Non-U.S. citizens, select one:

International (non-U.S. citizen)

Permanent Resident or Resident Alien of the U.S.

*\*(if a resident alien, please send a copy of both sides of resident alien card to the Office of Admission)*

### Florida Institute of Technology • Office of Undergraduate Admission

150 West University Boulevard, Melbourne, FL 32901-6975 • (800) 888-4348 • (321) 674-8030 • Fax (321) 674-8004  
[www.fit.edu](http://www.fit.edu) • [admission@fit.edu](mailto:admission@fit.edu)

## ACADEMIC EXPERIENCE

List all educational institutions attended, **starting with the most current**. Please list all high schools, secondary schools, colleges and/or universities you have attended. Use a separate sheet of paper if necessary.

NAME OF INSTITUTION	CITY/STATE/COUNTRY	DATES ATTENDED FROM-UNTIL	YEAR OF COMPLETION/ GRADUATION

Have you ever taken or are you scheduled to take the SAT?  Yes  No

Date(s) test taken or scheduled to take (month/year) \_\_\_\_\_

Have you ever taken or are you scheduled to take the ACT?  Yes  No

Date(s) test taken or scheduled to take (month/year) \_\_\_\_\_

### MAKE SURE TO SEND YOUR TEST SCORES TO FLORIDA TECH. YOUR APPLICATION IS CONSIDERED INCOMPLETE UNTIL YOU DO.

Have you applied to Florida Tech in the past?  Yes  No If yes, when? \_\_\_\_\_

Have you previously attended Florida Tech?  Yes  No If yes, when? \_\_\_\_\_

Have you ever been convicted of anything other than a traffic violation?  Yes  No If yes, please explain: \_\_\_\_\_

### Please check all that apply:

I am attending an NCSSSMST school (see [www.ncsssmst.org](http://www.ncsssmst.org))

I am a Florida Tech Science Fair Scholarship recipient

I am enrolled in the Sage Scholars College Investment Plan

I am pursuing an International Baccalaureate program

I am eligible for veteran's benefits

Veteran file no. \_\_\_\_\_

Veteran category:  Other protected veteran only  Vietnam veteran only  Both Vietnam/Other protected veteran

I am an Eagle Scout or have received a Girl Scout Gold Award

I am pursuing an Army ROTC scholarship

I have one or more pilot certificates or have some flight experience

I am an active member of the FIRST Robotics Team at my high school/college  
(provide a letter from the Team Adviser verifying participation)

### If you are applying as a first-year student, please enter the following additional information:

High School Guidance Counselor Name \_\_\_\_\_ Counseling Office Phone \_\_\_\_\_

Guidance Counselor E-mail \_\_\_\_\_ High School Web Address \_\_\_\_\_

## EXTRACURRICULAR ACTIVITIES

Please check all activities in which you intend to participate at Florida Tech.

- |  |  |  |
|--|--|--|
| <input type="checkbox"/> Art                               | <input type="checkbox"/> Music/Band              | <input type="checkbox"/> Surfing         |
| <input type="checkbox"/> Cheer/Dance                       | <input type="checkbox"/> Newspaper               | <input type="checkbox"/> Swimming        |
| <input type="checkbox"/> Community Service                 | <input type="checkbox"/> Radio                   | <input type="checkbox"/> Television/Film |
| <input type="checkbox"/> Fraternity/Sorority Organizations | <input type="checkbox"/> Religious Organizations | <input type="checkbox"/> Theater/Drama   |
| <input type="checkbox"/> Ice Hockey                        | <input type="checkbox"/> Robotics                | <input type="checkbox"/> Vocal/Choir     |
| <input type="checkbox"/> Intramural Sports                 | <input type="checkbox"/> Student Government      | <input type="checkbox"/> Other _____     |

## REFERRAL INFORMATION

How did you first learn about Florida Tech (check all that apply and supply the appropriate name(s)):

- |  |   |  |
|--|---|--|
| <input type="checkbox"/> Teacher _____     | <input type="checkbox"/> College Fair _____           | <input type="checkbox"/> Florida Tech Applicant _____      |
| <input type="checkbox"/> Friend _____      | <input type="checkbox"/> Florida Tech Professor _____ | <input type="checkbox"/> Florida Tech Representative _____ |
| <input type="checkbox"/> Counselor _____   | <input type="checkbox"/> Florida Tech Student _____   | <input type="checkbox"/> Online Search _____               |
| <input type="checkbox"/> Publication _____ | <input type="checkbox"/> Florida Tech Alumnus _____   | <input type="checkbox"/> www.ft.edu _____                  |
| <input type="checkbox"/> Other _____       |   |  |

What led you to apply to Florida Tech? \_\_\_\_\_

## ESSAY QUESTION

Submit a typed one-page essay (250 words) on one of the topics listed on the back of the attached academic majors and programs page.

Please sign your application. Your signature indicates that you understand that Florida Tech reserves the right to rescind an offer of admission if any information provided on this application proves to be false.

Signature \_\_\_\_\_ Date \_\_\_\_\_

## ESSAY TOPICS

Submit a typed one-page essay (250 words) on one (1) of the following topics with your application.

- A) Why would it be to your advantage to participate in the *ProTrack* Engineering Co-op program option or a hands-on internship through Florida Tech?  
(See explanation of program in sidebar.)
- B) Why would it be to your advantage to earn both a bachelor's and master's degree from Florida Tech in five years through the university's *FastTrack* program? (See explanation of program in sidebar.)
- C) Florida Tech's location maximizes students' ability to explore careers, gain work experience and conduct research with faculty in their major field of interest. How would you take advantage of these opportunities?

## COMPLETING THE APPLICATION PROCESS

This form is only one part of your application.

Visit [www.fit.edu/ugrad/apply](http://www.fit.edu/ugrad/apply) to download and print the following forms, which will assist you in completing your application for admission.

### Transcript Request Form

For your guidance counselor or registrar

### Letter of Recommendation Form

For the two (2) teachers, counselors, coaches, employers, etc. who will be writing your letters of recommendation

### *FastTrack* Supplemental Application

For students interested in accelerated master's degree programs

### Flight Student Checklist

For students applying to the College of Aeronautics who are interested in a flight training program

Please also remember to send us your standardized test scores and completed essay in addition to the above.

## *ProTrack* Engineering Co-op Program

Short for "cooperative education" or "cooperative learning," co-op is the combination of traditional classroom learning with practical paid work experience. Students enrolling in a co-op program traditionally alternate semesters of full-time study with full-time work over the course of their undergraduate degree curriculum. Florida Tech's *ProTrack* Engineering Co-op combines the proven benefits of traditional university cooperative education with a one-of-a-kind, student-centered approach. Our unique 3-in-4 curriculum structure allows both U.S. and international engineering students to complete three semester-long paid work experiences related to their major and career interests while still earning a bachelor's degree in four years. Engineering and non-engineering students alike also have the opportunity to undertake exciting internships at dynamic local companies, in which they gain practical experience and explore careers of the future. Experiential learning is a key element of a Florida Tech education and is available to students attending college for the first time, transfer students, U.S. citizens and international students. Visit [www.fit.edu/co-op](http://www.fit.edu/co-op) for more information.

## *FastTrack* Master's Program

The *FastTrack* master's program gives motivated students the option of taking graduate course work as undergraduates so they can complete a master's degree in as little as one additional year of study. Enrolling in the program also gives students the opportunity to bypass the time commitment, anxiety and costs of graduate admission requirements; the ability to keep any awarded Florida Tech undergraduate scholarships during the fifth year of studies as a full-time graduate student; the opportunity to replace a scholarship with a lucrative graduate or research assistantship plus stipend; and a head-start on an exciting career of the future. Earned scholarships carry over to the fifth year. *FastTrack* is open to all undergraduates and is comprised of the following combined, accelerated degree programs.

- B.S./Master of Arts in Teaching
- B.S./Master of Business Administration
- B.S./M.S. in Aviation
- B.S./M.S. in Computer Science
- B.S./M.S. in Engineering
- B.S./M.S. in Science
- B.S./M.S. in Technical and Professional Communication

Interested in *ProTrack* or *FastTrack*? Make sure to indicate so by checking the appropriate box(es) on your application.

## *Florida Institute of Technology*

Office of Undergraduate Admission  
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