

What is Engineering GatorTrax?

Engineering GatorTrax is a math excellence program designed to increase the numbers of minority students who complete advanced mathematics courses in middle school and high school so that they are prepared to pursue technical degrees, such as engineering, upon entering college. Acceptance to the program is selective.

For students, there are three main components to the program:

- Hands-on activities in your math classroom throughout the academic year.
- Extracurricular programs (6 hours per month) designed to let you apply the concepts to learn in the classroom to real life situations.
- A week-long summer Math Excellence camp program.

The Engineering GatorTrax Math Excellence Summer Camp program is a week-long day camp sponsored by the University Of Florida, College Of Engineering. The camp seeks to heighten awareness among middle school and high school students about the exciting opportunities that an interest and aptitude in math, science and engineering can offer. Through fun, team-oriented activities and experiments, students will design, build, brainstorm, solve problems and stretch their horizons in an atmosphere that supports their growth.

Who Can Participate?

Engineering GatorTrax is supported by a 4-year grant from the GE Fund and targets African-American, Hispanic, and Native American students, although students from other backgrounds will be accepted into the program.

Program Cost: Engineering GatorTrax is free to all student participants.

Transportation: Transportation is not provided by the program.

Questions? Contact us at: (352) 392-0944 gatortrax@eng.ufl.edu

Information for Students:

What is expected of you?

- Have an interest in math, science, engineering, and technology.
- Attend a week-long summer camp hosted at the local community college.
- Willingness to be a continuing participant in the academic year program, including Saturday Engineering and the summer program.
- Be an active, courteous participant.
- Work in teams with your peers and college students.
- Participate in the program during the academic year.
- Have fun.

What's in it for you?

- Opportunities to use your math knowledge.
- Work alongside college students who are preparing to become engineers.
- Meet new friends.
- Make better grades.
- Field trips to engineering industries.
- Learn about careers in engineering and technology.

Information for Parents:

What is expected of you?

- Attend a parent meeting that will provide an overview of Engineering GatorTrax.
- Arrange transportation for your child for the summer program.
- Be an active participant in your child's learning experience.

What's in it for you?

- Better grades for your child.
- Scholarship opportunities.
- Increased involvement in your child's education.
- A child who is better prepared for college success.
- Parenting empowerment.

www.gatortrax.eng.ufl.edu

**Engineering
GATORTRAX
Student Application**



Your School: _____				Student ID#: _____		
Current grade (2005- 2006): 6 th 7 th 8 th				D.O.B. _____		
9 th 10 th 11 th 12 th				Math Teacher: _____		
County:	Alachua	Citrus	Orange	Miami-Dade	Broward	Duval

Student Name _____

Address _____

Street

City

Zip

Home Phone _____ Email _____

Gender Female Male

Ethnicity: Asian Black Hispanic Native American White Other (specify) _____

What mathematics course are you currently enrolled in? Circle One (R = Regular, H = Honors)

6 th Grade: Math 1	Math 2		
7 th Grade: Math 2	Math 3	Pre-Algebra	
8 th Grade: Math 3	Pre-Algebra	Algebra 1(R or H)	Adv. Algebra with Geometry
9 th Grade: Applied Math	Pre-Algebra	Algebra 1 (A or B)	Algebra 1 (R or H)
Algebra 2 (A or B)	Algebra 2 (R or H)	Geometry (R, H or IB)	
10 th Grade: Algebra 1 (R or H)	Algebra 2 (R or H)	Geometry (R or H)	Analytic Geometry
11 th Grade: Algebra 2 (R or H)	Geometry (Inf., R or H)	Analytic Geometry	Trigonometry Pre-calculus

What mathematics course will you be enrolled in next year? Circle One (R = Regular, H = Honors)

7 th Grade: Math 2	Math 3	Pre-Algebra	
8 th Grade: Math 3	Pre-Algebra	Algebra 1 (R or H)	Adv. Algebra w/ Geometry
9 th Grade: Applied Math	Pre-Algebra	Algebra 1 (A or B)	Algebra 1 (R or H)
Algebra 2 (A or B)	Algebra 2 (R or H)		
10 th Grade: Algebra 1	Algebra 2 (R or H)	Geometry (R or H)	Analytic Geometry
11 th Grade: Algebra 2 (R or H)	Geometry (R or H)	Analytic Geometry	Trigonometry Calculus (AP)
12 th Grade: Trigonometry	Pre-calculus	AP Calculus	

Please tell us in your own words why you would like to participate in the Engineering GatorTrax program.

Please tell us what grades you have received in your math classes.

	Course	Grade
6 th grade	_____	_____
7 th grade	_____	_____
8 th grade	_____	_____
9 th grade	_____	_____
10 th grade	_____	_____
11 th grade	_____	_____

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Student Agreement

I understand that acceptance to the Engineering GatorTrax Program carries the following responsibilities:

- I will actively participate in Engineering GatorTrax during the school year & the summer program.
- I will abide by the rules of the program.

Student's Signature: _____ Date: _____

Parent Agreement & Release:

- I agree to allow my child to participate in the Engineering GatorTrax program during the school year & summer programs.
- I agree to arrange transportation for my child to attend the summer program.
- I will be available at this phone number in case of emergency: _____
- I will participate in parent programs.

CONSENT TO RELEASE INFORMATION

- The Engineering GatorTrax program is supported by a grant from the GE Fund. It is necessary to quantitatively evaluate the effectiveness of the program each year. In order to conduct the assessment, we will need the mathematics grade of each student participant throughout the academic year. For assessment purposes, students will be identified by a number. At no time will your child's name be used or released to any outside party.
- For this purpose, I agree to allow the Alachua County School District to provide information concerning my child's academic performance in mathematics courses to the University of Florida, College of Engineering. This information will be used for the purposed of program assessment only. I understand that my child's identity will remain confidential and that his/her name will not be released to any outside parties without my expressed, written consent.

Parent/Guardian Signature: _____ Date: _____

Parent/Guardian Name _____

Address _____ City _____ Zip _____

Home Phone _____ Work Phone _____ Email _____

Please submit completed applications to:

Engineering GatorTrax
PO Box 116550
University of Florida
Gainesville, FL 32611