

HOW DOES A STUDENT APPLY?

- Application forms are available on the web site at www.math.usf.edu/Community/CMS/Application.pdf
- In addition, you may call or write the Center for Mathematics Services at the following address to obtain an application form.

Dr. Jogindar Ratti, Director
Center for Mathematical Services
4202 E. Fowler Avenue, PHY 114
Tampa, FL 33620-5700
(813) 974-4068
FAX: (813) 974-2700

HOW ARE PARTICIPANTS SELECTED?

Participants are selected on the basis of their performance in mathematics and science courses, the recommendation of a mathematics or science teacher, and a letter of application. Students will be notified of acceptance during the second week of May by a letter from the Center for Mathematical Services.

IS THERE A DEADLINE FOR SUBMITTING THE APPLICATION?

Applications are due by May 1. As facilities are limited, we may not be able to accommodate all qualified applicants. Therefore, applications received after May 1 will be considered only on a space available basis.

PARTIAL FUNDING PROVIDED BY

- USF College of Arts and Sciences
- USF Department of Mathematics

WHO CONDUCTS THESE PROGRAMS?

These programs are conducted by the Center for Mathematical Services in the Department of Mathematics at USF in cooperation with the local public school system. The Center has been conducting summer programs for gifted students since 1979. Our programs have been components of the Governor's Summer Program for the Gifted.

THE CENTER FOR MATHEMATICAL SERVICES
University of South Florida
4202 East Fowler Avenue, PHY114
Tampa, FL 33620-5700



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2007 SUMMER PROGRAM IN MATHEMATICS, COMPUTERS AND SCIENCE FOR GIFTED AND HIGH ACHIEVING STUDENTS

Offered by

**The Center for
Mathematical Services,
Department of Mathematics**

in cooperation with

The Honors College

at



DO YOU:

- Seek an enjoyable summer learning experience with students of similar interests and abilities?
- Want to be challenged by educational material not found in the usual secondary school curriculum?
- Desire to further develop your ability to think critically, conceptually and creatively?
- Get excited about the opportunity of using the computer and laboratory facilities of a university?
- Like the idea of being in a university atmosphere for the summer?
- Like the idea of interacting with university faculty?
- Wish to experience a sense of discovery in learning?
- Want to learn more about mathematics, computer science and science?

If you have answered yes to any of the above apply now. Don't delay. Space is limited.

WHAT PROGRAMS?

There are two programs:

Level I. The Mathematics and Science Program is for students entering grades 8, 9, and 10, who have had at least pre-algebra mathematics.

Students study:

- Mathematics in the Real World
- Computer Science
- Environmental Science

WHEN?

Level I program runs from July 2, 2007 to August 3, 2007. The program is scheduled for Monday–Friday from 9:00 AM–3:00 PM.

COSTS?

The cost for students admitted into Level I program is \$600 for the entire program.

Level II. The Mathematics, Science, and Computer Programming is for students entering grades 10, 11, and 12 who have had at least Algebra I and Algebra II, or Precalculus.

Students study:

- Bridge to Abstract Mathematics
- Computer Science
- Environmental Science

WHEN?

Level II program runs from July 2, 2007 to August 10, 2007. The program is scheduled for Monday–Friday from 9:00 AM–3:00 PM.

ADMISSION AND COSTS

Students accepted into the Level II program will be supported by the dual credit agreement between USF and the counties involved. Students applying to the program must provide a consent statement from their school counselor to enroll in Bridge to Abstract Mathematics MGF 3301. The fee is approximately \$20 for the entire program.

COURSE CREDIT

Students completing the Level II program successfully will receive four (4) college credits from the University of South Florida.

FOCUS

Both programs will involve the students in classroom activities focusing on problem solving and hands-on laboratory activities.

WHERE ARE THE PROGRAMS HELD?

The programs all take place on the Tampa campus of the University of South Florida

DOES A STUDENT HAVE TO BE THERE THE ENTIRE PROGRAM?

Yes. These are intense programs so that a student is allowed only two excused absences.

WHO ARE THE INSTRUCTORS?

The instructors in the programs are faculty and staff from the College of Arts and Sciences at USF. All have experience working with secondary school students and many have over twenty years experience teaching these programs.

WHO IS ELIGIBLE?

These programs are open to high achieving students who are from local counties and who meet the State of Florida criteria for gifted and/or have demonstrated appropriate outstanding academic achievement.