



# Engineering ... A Smart Start

This free course is a must for students who want to strengthen their competencies and skills in mathematics. For those of you who have strong skills in Calculus, this course will show you how to become even more proficient in solving problems.

## ABOUT ENGINEERING: A SMART START

Engineering: A Smart Start is FREE program designed to provide students with a mathematics review to help prepare them for their first semester courses at USF. This free program is open to all incoming engineering students; however, space is limited. To reserve your seat in this program please go online to <http://www2.eng.usf.edu/studentServices/startSmart.htm> and register. If you do not have internet access, please call our offices at (813) 974-2684 to register.

## GOALS

The Course will:

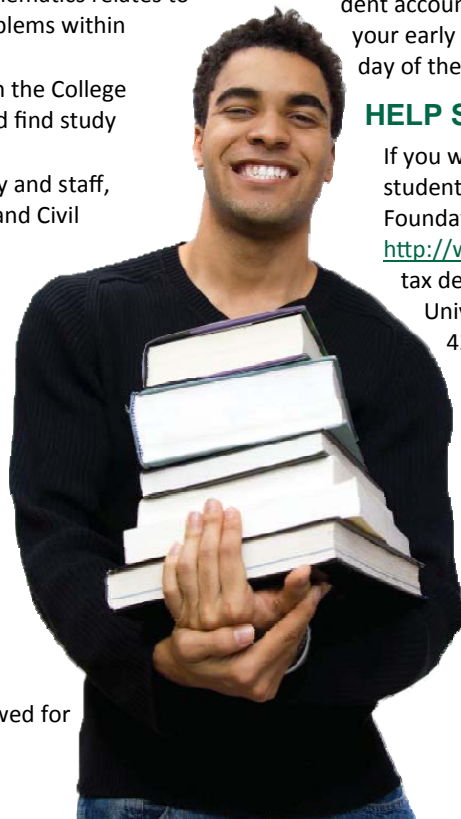
- Expose you to numerous mathematic concepts and principles that you are expected to have already demonstrated competency in;
- (2) refresh your memory on the various applications of mathematics and
- Expose you to the critical discipline of problem solving.
- Provide you with examples of how mathematics relates to specific engineering disciplines and problems within those disciplines.
- Introduce you to your fellow students in the College and enable you to meet new friends and find study partners.
- Introduce you to key engineering faculty and staff, such as Karim Nohra, course professor and Civil and Environmental faculty member; Dr. Rafael Perez, Associate Dean of Academics; Dr. Mary Goodwin, Director of Academic Affairs & Student Services; and others who can provide you with valuable information and resources as you progress through the College and the University.

## COURSE MEETING DATES

The course will meet from Monday, Aug. 20th through Thursday, Aug. 23rd.

## REQUIRED MATERIALS

Pencil and paper; calculators are not allowed for problem solving.



## DATES AND TIMES

Date: Monday, August 20  
Time: 9:30am-1:00pm  
Location: ENA 105  
Topic: Algebra Review

Date: Wednesday, August 22  
Time: 9:30am-1:00pm  
Location: ENA 105  
Topic: Calculus/Computer Tools for Solving Equations

Date: Tuesday, August 21  
Time: 9:30am-1:00pm  
Location: ENA 105  
Topic: Matrices, Trigonometry

Date: Thursday, August 23  
Time: 9:00am-5:00pm  
Location: ENB PC lab  
Topic: MathCAD

## HOUSING & FEES

For students living in residence halls, the facilities will be available for early arrival beginning at 10:00am on Sunday, August 19th. You do not need to notify Residence Services of your early arrival at the halls; "just show up." Please note: Your student account will be charge a prorated fee for your early use, until August 22nd, the official move in day of the semester.

## HELP SUPPORT SMART START

If you would like to make a contribution to support future students with "A Smart Start", make checks payable to USF Foundation with "Smart Start" on the memo line or go to <http://www.giving.usf.edu> for online giving. Your gift is tax deductible and can be mailed to Attn: Brett Woods, University of South Florida, College of Engineering, 4202 E. Fowler Ave. ENB118, Tampa, FL 33620.

## Parking Information/Campus Maps:

[http://usfweb2.usf.edu/parking\\_services/maps.asp](http://usfweb2.usf.edu/parking_services/maps.asp)

## Additional Information Regarding Residence Services/Early Check-In:

<http://www.housing.usf.edu/>

## USF Engineering Home Page:

<http://www2.eng.usf.edu>

