

Learn about . . .

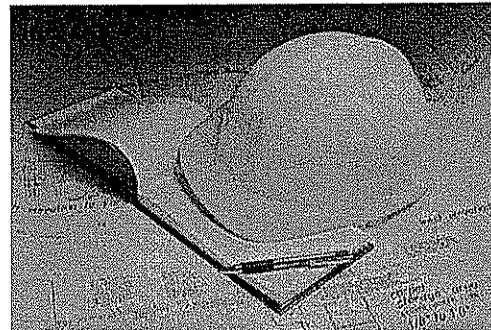
- Construction material properties and testing
- Concrete mix design
- How members behave in tension and compression
- Fundamentals of bridge design

Design/Build

- Concrete test cylinders, cardboard boat, catapult, virtual bridge and concrete bowling ball

Plus

Local industry leaders will discuss different career choices within the construction and civil engineering fields.



Need more information?

Please contact us at:

Camp Dream Builders Summer Program
 Florida Tech
 Department of Civil Engineering
 Dr. Howell Heck, Curriculum Coordinator
 Christel Noyes, Program Administrator
 Phone (321) 674-8048
 E-mail cnoyes@fit.edu
 Web <http://civil.fit.edu>

Registration form and fee must be received on or before May 30, 2008.

Application forms available on the Web site, must be turned in by May 30.

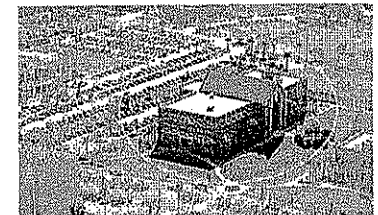


An Exciting Civil Engineering and Construction Management

Summer Program

For students entering 7th, 8th and 9th grades

Monday–Friday July 21–25, 2008
 Morning Session 8 a.m.–1 p.m.
 Afternoon Session 11 a.m.–5 p.m.
 Florida Tech Campus
 F.W. Olin Engineering Complex



Florida Institute of Technology
 High Tech with a Human Touch
 Department of Civil Engineering



What is Camp Dream Builders?

Camp Dream Builders is a summer program developed in conjunction with Florida Tech's Department of Civil Engineering and the Construction Industry Advisory Board (CIAB).

This course is a week-long series of hands-on workshops created for students entering the 7th through 9th grades and designed to introduce them to civil engineering and construction by participating in exciting building activities.

Example of Morning Schedule

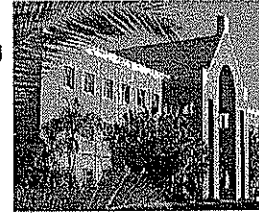
7:30-8 a.m.	Registration
8-8:30 a.m.	Concrete Mix Design
8:30-10 a.m.	Concrete Casting Cylinders
10 a.m.-Noon	Concrete Casting Bowling Ball
Noon-1 p.m.	Lunch

Who may attend?

This program will be limited to the first 20 students with completed registration and payments received for each session. Students entering the 7th to 9th grades are invited to apply. We will establish a waiting list for the next five students meeting the requirements in case of any cancellations.

Where will Camp Dream Builders be held?

The Camp Dream Builders 2008 program will take place in the Florida Tech F.W. Olin Engineering Complex on the beautiful Florida Tech campus.



There is a morning and afternoon session. The morning session is over at noon unless the student is staying for lunch. The afternoon session starts at 1 p.m. unless the student is arriving early for lunch. Lunch is an all-you-can-eat meal and will be served in the Evans dining hall on campus.

When is Camp Dream Builders?

Camp will be held Monday, July 21 through Friday, July 25.

What will campers learn?

Students will be exposed to the following concepts:

- Construction materials
- Concrete mix design
- Tension and compression behavior
- Bridge design

Students will participate in the following Design/Build activities:

Concrete test cylinders, cardboard boat, catapult, virtual bridge and concrete bowling ball

Plus

Local industry leaders will discuss career choices within civil engineering and the construction industry.

Camp Dream Builders 2008 Registration Form Middle School Camp Deadline May 30, 2008

Student Information (Please print or type)

Name _____

Nickname _____

Address _____

City/State/ZIP _____

Telephone _____

E-mail _____

Morning session Afternoon session Lunch

T-shirt size S M L XL XXL

Additional shirts available @\$12 ea. _____

Parent Information

Name _____

Address _____

City/State/ZIP _____

Home Telephone _____

Work Telephone _____

E-mail _____

Registration form and fee must be received ON OR BEFORE May 30, 2008

Registration fee is \$205 with lunch or \$175 without lunch per student and includes T-shirt and supplies. 100% refund until June 1, 50% refund until July 1, No refund after July 1. Students registering late may not receive T-shirt.

Make checks payable to:

Florida Tech Dream Builders

Mail to:

Florida Tech

Department of Civil Engineering

Camp Dream Builders

150 W. University Blvd.

Melbourne, FL 32901-6975