

PREP Determined Leaders, Future Engineers

Dear Student,

Thank you for your interest in the 2014 Summer Pre-Freshman Program in Engineering and Science (PREP) at Chicago State University. Tentative dates for the PREP Program are Monday, June 30, 2014 - Friday, August 8, 2014. The hours of operation are from 8:00 a.m. - 1:00 p.m. The PREP Program is designed to make students aware, at an early age, of the professional opportunities in engineering and to convince students to take more mathematics and science as a part of their high school course load. The six week summer program will consist of educational, motivational, and recreational activities designed specifically to stimulate interest in math/science that will insure success in an engineering curriculum. The goal of the PREP Program is to increase awareness of career opportunities in engineering in order to facilitate the selection of an engineering major in college. The PREP Program is beneficial to students because it provides critical insight into the engineering profession, the demand of an engineer curriculum and what is expected of them academically and socially in college.

Students entering grades 6,7,8, 9, 10, 11, or 12 in September 2014 are eligible to apply. Students who are selected for the PREP Program will participate in:

- . Science, Math, and English/communication courses
- . A hands on engineering project.
- . Field trips to science and engineering corporations.

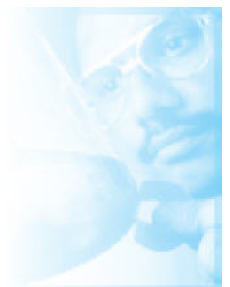
We are now accepting applications for the summer program. The requirements are as follows:

- . Students must have demonstrated proficiency in math/science evidence by submitting a copy of the 2013/2014 elementary school report card or an official high school transcript.
- . Unofficial copy of the 2013 Iowa Test Score, TAP Test Scores, and ACT or SAT Scores. Please photocopy original documents and submit the copied documents with your application package. All materials become the property of Chicago State University.
- . Students must submit two letters of recommendation from their science instructor, math instructor or school counselor.
- . Interview with summer program staff/faculty members.
- . Students must be from an ethnic group historically underrepresented in engineering.

After your application materials have been submitted to our office, we will e-mail you a response indicating what we have received. **The final deadline for submission of all application information is Friday, May 2, 2014.** Be sure to complete the entire application and provide the requested forms. Please note each written recommendation must be completed by a math and/or science instructor. **Incomplete or late applications will not be considered.**

CHICAGO STATE UNIVERSITY

Office of Engineering Studies,
9501 S. King Drive, HWH 129, Chicago, IL 60628
phone (773) 995-2357 fax (773) 995-4504



Application For Admission

FOR OFFICE USE ONLY

PREP

2014

- Application
- Test Scores
- Math Teacher Recommendation
- Report Card/Transcript
- Student Essay
- Science Teacher Recommendation

Student Information

Student's Name _____

Sex Male Female Social Security Number _____

Date of Birth _____

Student is African-American Hispanic Native American

Address _____

City _____ State _____ Zip _____

Phone Number _____ Email Address _____

Education Information

Student's Current School _____

Student's Current Grade Level _____

School Address _____

City _____ State _____ Zip _____

This school is Public Parochial Private Charter

Please list the school the student will attend in the fall 2014.

School Name _____

School Address _____ School Counselor _____

City _____ State _____ Zip _____

This school is Public Parochial Private Charter

Please list summer programs that the student has attended:

Name of summer program _____

Address _____

City _____ State _____ Zip _____

What year did you attend the summer program? _____

Family Information

1. Parent/Guardian Name _____

Mrs. Ms. Mr. Dr.

Home Address (If Different from Student's) _____

City _____ State _____ Zip _____

Home Phone _____ Cell Phone/Pager _____

Work Phone: _____ Email Address _____

Highest level of education: Did not graduate high school GED High School Diploma Some college

Two-year degree College graduate Graduate school

2. Parent/ Guardian Name _____

Mrs. Ms. Mr. Dr.

Home Address (If Different from Student's) _____

City _____ State _____ Zip _____

Home Phone _____ Cell Phone/Pager _____

Work Phone _____ Email Address _____

Highest level of education: Did not graduate high school GED High School Diploma Some college

Two-year degree College graduate Graduate school

Parental Consent

I understand that _____ is being considered for the 2014 PREP Program from June 30 , 2014 to August 8, 2014. A PREP sponsor, PREP contractor or University staff will provide the student with direct supervision. I certify by my signature below that:

1. I give permission for my son/daughter to participate in the 2014 Summer PREP Program and all program activities.

2. I approve the release of my child's school records and will complete a condition of health questionnaire, if my child is selected as a student for the program.

3. I guarantee my child will participate in the entire six weeks of the program. In the event that the he/she will miss more than three days of the program, I understand that he/she will be terminated from the program.

Your signature below indicates that all information provided on this application is complete and factually true. Your signature also attests to the fact that you wish your child to be considered for participation in PREP Program with no guarantee of final acceptance.

Signature of parent or guardian _____ Date _____

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Student Essay



Student's Name _____

Please type an essay on one of the following topics. You may use additional paper if you like.

1. What has been the most influential experience in your life? Provide reasons to support your answer.
2. Why should the 2014 Pre-Freshman Program in Engineering and Science consider your application?

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MATH TEACHER RECOMMENDATION

Student's Name _____

To the student: Fill in your name above and give this form to your math teacher in a stamped return envelope.

To the Math Teacher

The student listed above has applied for admission to the 2014 PREP Program hosted by Chicago State University. We would greatly appreciate any information you can provide that will help us make an informed decision regarding his/her application. Because you have worked closely with the student, your comments will be particularly helpful in our evaluation. Please take into consideration the following description of our program when evaluating the student's past, present and potential performance.

The PREP program is designed to make students aware of the professional opportunities in science, technology, engineering and mathematics (STEM) and to convince students to take more mathematics and science as a part of their high school course load. The five week summer program will consist of educational, motivational and recreational activities designed specifically to stimulate interest in math/science that will insure success in STEM curriculums at the college level. The PREP Program is beneficial to students because it provides critical insight into the technical professions, the demands of a technical curriculum and what is expected of them academically and socially in college.

***Chicago State University, Office of Engineering Studies, PREP Program,
9501 S. King Drive, HWH 129, Chicago, IL 60628***

General Information

Your Name: _____

Position: _____

Name of School: _____

School Address: _____

How long have you known the student? _____

In what capacity have you known the student? _____

continued

Personal Recommendation

In comparison to other students of the same age you have known at your school, how would you rank the candidate in the following areas?

| | Outstanding | Good | Average | Below Average | No Basis For Judgment |
|---------------------------|-------------|------|---------|---------------|-----------------------|
| Concern for others | | | | | |
| Responsibility | | | | | |
| Leadership | | | | | |
| Integrity /honesty | | | | | |
| Energy and initiative | | | | | |
| Relationship to peers | | | | | |
| Relationship to adults | | | | | |
| Reaction to criticism | | | | | |
| Sense of humor | | | | | |
| Self-confidence | | | | | |
| Self - discipline | | | | | |
| Common sense | | | | | |
| Willingness to take risk | | | | | |

Academic Recommendation

How would rank the candidate in the following areas compared with other students of the same age?

| | Outstanding | Good | Average | Below Average | No Basis For Judgment |
|------------------------------|-------------|------|---------|---------------|-----------------------|
| Motivation | | | | | |
| Creativity | | | | | |
| Intellectual curiosity | | | | | |
| Study habits | | | | | |
| Oral expression | | | | | |
| Written expression | | | | | |
| Academic ability | | | | | |
| Academic performance | | | | | |
| Ability to reason abstractly | | | | | |
| Math/science competency | | | | | |
| Perseverance | | | | | |
| Class attendance | | | | | |
| Ability to think logically | | | | | |

Please provide any additional thoughts that you think will be helpful on a separate sheet of paper.

Signature _____ Date _____

Thank you for your time and helpful information you have provided.

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SCIENCE TEACHER RECOMMENDATION



Student's Name _____

To the student: Fill in your name above and give this form to your science teacher in a stamped return envelope.

To the Science Teacher

The student listed above has applied for admission to the 2014 PREP Program hosted by Chicago State University. We would greatly appreciate any information you can provide that will help us make an informed decision regarding his/her application. Because you have worked closely with the student, your comments will be particularly helpful in our evaluation. Please take into consideration the following description of our program when evaluating the student's past, present and potential performance.

The PREP program is designed to make students aware of the professional opportunities in science, math, and engineering and to convince students to take more mathematics and science as a part of their high school course load. The five week summer program will consist of educational, motivational and recreational activities designed specifically to stimulate interest in math/science that will insure success in math, science and engineering curriculums. The PREP Program is beneficial to students because it provides critical insight into the technical professions, the demands of a technical curriculum and what is expected of them academically and socially in college.

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General Information

Your Name: _____

Position: _____

Name of School: _____

School Address: _____

How long have you known the student? _____

In what capacity have you known the student? _____

continued

Personal Recommendation

In comparison to other students of the same age you have known at your school, how would you rank the candidate in the following areas?

Outstanding Good Average Below Average No Basis For Judgment

| Concern for others | | | | | |
|--------------------------|--|--|--|--|--|
| Responsibility | | | | | |
| Leadership | | | | | |
| Integrity /honesty | | | | | |
| Energy and initiative | | | | | |
| Relationship to peers | | | | | |
| Relationship to adults | | | | | |
| Reaction to criticism | | | | | |
| Sense of humor | | | | | |
| Self-confidence | | | | | |
| Self - discipline | | | | | |
| Common sense | | | | | |
| Willingness to take risk | | | | | |

Academic Recommendation

How would rank the candidate in the following areas compared with other students of the same age?

Outstanding Good Average Below Average No Basis For Judgment

| Motivation | | | | | |
|------------------------------|--|--|--|--|--|
| Creativity | | | | | |
| Intellectual curiosity | | | | | |
| Study habits | | | | | |
| Oral expression | | | | | |
| Written expression | | | | | |
| Academic ability | | | | | |
| Academic performance | | | | | |
| Ability to reason abstractly | | | | | |
| Science/math competency | | | | | |
| Perseverance | | | | | |
| Class attendance | | | | | |
| Ability to think logically | | | | | |

Please provide any additional thoughts that you think will be helpful on a separate sheet of paper.

Signature _____ Date _____

Thank you for your time and helpful information you have provided.

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