



NSF SCHOLARSHIP PROGRAM APPLICATION
INTRODUCTION

WHAT IS THE NSF SCHOLARSHIP PROGRAM? A program that will provide scholarships, academic services, and transfer assistance for academically talented students with documented financial need. Special emphasis is given to students from underrepresented and economically disadvantaged groups including women, minorities and the disabled.

WHAT IS THE AMOUNT OF THE SCHOLARSHIP? NSF Scholars can receive up to \$8,000 per year for two years. Average awards are \$2,000-\$4,000 per year. In combination with Federal Financial Aid, students in the scholarship program may have up to the full cost of attending CLC paid over a two year period. This includes tuition, fees, texts, and other related costs up to a total of to \$8,834 per year for a dependent student and \$11,592 for an independent student for the 2009-2010 academic year.

WHAT SERVICES ARE PROVIDED FOR SCHOLARSHIP RECIPIENTS? Aside from the financial award, NSF Scholars will be provided with tutoring by CLC math, physics and engineering faculty, advising in engineering curriculum issues, mentoring by professional engineers in Lake County, and transfer assistance to the 4-year school to which they desire to transfer. The students admitted to the program will work as a "cohort" that will take classes, socialize, and study together. The program starts with a fall personal development course in which students learn about engineering and computer science as a profession, study skills, academic success, advising, and teamwork skills to succeed in the rigorous academic climate of engineering and computer science.

WHO IS ELIGIBLE? High school seniors and current CLC students are eligible to apply for the program. To be considered, students must demonstrate financial need, according to federal guidelines; be U.S. citizens, refugees or permanent residents; and be enrolled full-time with a major in engineering, electrical engineering technology, or computer science. This program is for students whose degree objective is a Bachelors of Science.

WHAT ARE THE ADMISSION REQUIREMENTS? High school seniors and current CLC students are eligible to apply for the program. To be considered, students must demonstrate financial need, according to federal guidelines; be U.S. citizens, refugees or permanent residents; and be enrolled full-time with a major in engineering, electrical engineering technology, or computer science. NSF Scholars must also demonstrate academic potential by qualifying for a mathematics class at the Pre-Calculus level or above. Details on how to meet the academic qualifications are included in the application.

SUBMISSION AND AWARDS: Awards are made by a committee of CLC faculty and administrators based on academic potential, financial need, and demonstrated commitment to academic goals. Members of underrepresented groups such as minorities or women are encouraged to apply. Applications are accepted on an ongoing basis. Applications received by April 15th will receive priority for the following fall semester. Sign, date, and mail your application and attachments to:

Robert Twardock, NSF Grant Officer
College of Lake County, 19351 W. Washington Street
Grayslake, IL 60030

If you have any questions, please contact Robert Twardock, Principal Investigator (P.I.), at 847-543-2903 or rtwardock@clcollinois.edu or Amy Curry, Co-Investigator, at 847-543-2493 or acurry@clcollinois.edu. This scholarship program is made possible by a grant from the National Science Foundation under Grant DUE-0630906.

NSF SCHOLARSHIP APPLICATION FORM

(print neatly or type information)

LAST NAME: _____ **FIRST NAME:** _____

SOCIAL SECURITY NUMBER: _____ - _____ - _____
(Will be used internally for identification purposes)

CITIZENSHIP (CHECK ONE):

In order to qualify for the scholarship program, applicants must be U.S. citizens, Nationals of the U.S., aliens admitted as refugees, or aliens admitted for permanent residence.

_____ U.S. CITIZEN _____ U.S. NATIONAL _____ PERMANENT RESIDENT ALIEN
_____ REFUGEE OTHER: _____

PERMANENT ADDRESS:

STREET: _____

CITY: _____ STATE: _____ ZIP: _____

EMAIL: _____ @ _____ PHONE: _____

DEMOGRAPHIC INFORMATION:

This scholarship program is intended to help academically talented and financially needy students get a college degree. A secondary goal is to increase the number of underrepresented students, such as women and minorities, in engineering and computer science. Providing this information is not mandatory in order to receive this grant.

GENDER ___ MALE ___ FEMALE **DATE OF BIRTH** (MM/DD/YY): ___ / ___ / ___ **AGE:** ___

ETHNIC BACKGROUND:

_____ AFRICAN AMERICAN _____ ASIAN AMERICAN OR PACIFIC ISLANDER
_____ HISPANIC _____ NATIVE AMERICAN
_____ CAUCASIAN _____ OTHER _____

DEMONSTRATION OF FINANCIAL NEED:

In order to qualify for the scholarship, applicants must qualify for Federal Financial Aid. For your application to be eligible for review, you must have completed your FAFSA application and authorized CLC to receive the results. You can access information about financial aid at the CLC Office of Financial Aid (B114 – Grayslake Campus), their website at <http://www.clcillinois.edu/credit/aid/>, or at www.fafsa.ed.gov.

HAVE YOU COMPLETED YOUR FAFSA APPLICATION? ___ NO ___ YES DATE COMPLETED: _____

NSF Scholarship Application (continued)

HIGH SCHOOL/COLLEGE INFORMATION:

NAME OF ALL HIGH SCHOOLS AND COLLEGES ATTENDED:

<u>NAME</u>	<u>CITY/STATE</u>	<u>DATES</u>	<u>DEGREE</u>

HIGH SCHOOL GPA: _____ HIGH SCHOOL CLASS RANK: _____

COLLEGE CREDIT HOURS COMPLETED BY MAY (IF ANY): _____

ARE YOU A CURRENT STUDENT AT CLC? __ NO __ YES; IF YES, CLC STUDENT ID: _____

DEMONSTRATION OF ACADEMIC QUALIFICATIONS:

Demonstration of academic potential is one of the qualifications required for admission into this scholarship program. You may indicate your qualification one of several ways, as indicated below. Information about the CLC Math Placement Test is available at the CLC Testing Center, Room L115 at the Grayslake Campus. Information about the Testing Center is available at <http://www.clcillinois.edu/depts/lac/testingcenter.asp>

Check one of the following to indicate your academic qualifications.

Methods to qualify academically for Calculus I or above

- _____ Passed MTH 144 (Pre-Calculus) at CLC w/ C or better (or equivalent credit at another college or university)
- _____ Passed MTH 122 (College Algebra) and MTH 123 (Trigonometry) at CLC w/ C or better (or equivalent credit at another college or university)
- _____ Math ACT Score ≥ 28
- _____ Math SAT Score ≥ 620
- _____ Score of 105 or greater on college mathematics test portion of the CLC Math Placement Test
- _____ Credit for Calculus I or higher w/ C or better (or equivalent credit at another college or university)

OR

Methods to qualify academically for Pre-Calculus or College Algebra/Trigonometry

- _____ Passed MTH 108 (Intermediate Algebra) w/ C or better at CLC (or equivalent credit at another college or university), and; 1 year of HS Geometry w/ C or better or credit for MTH 104 - Geometry
- _____ Math ACT Score ≥ 25 and 1 year of HS Geometry w/ C or better or credit for MTH 104 - Geometry
- _____ Math SAT Score ≥ 560 and 1 year of HS Geometry w/ C or better or credit for MTH 104 - Geometry
- _____ Score of 63 or greater on college mathematics test portion of the CLC Math Placement Test and 1 year of HS Geometry w/ C or better or credit for MTH 104 - Geometry

NSF Scholarship Application (continued)

DEGREE INTENT (CHECK ONE):

COMPUTER SCIENCE: _____

ENGINEERING:

_____ CIVIL _____ ELECTRICAL _____ MECHANICAL _____ BIOMEDICAL
_____ INDUSTRIAL _____ GENERAL _____ COMPUTER _____ CHEMICAL
_____ AERONAUTICAL/AEROSPACE _____ MANUFACTURING
_____ UNDECIDED _____ OTHER: _____

IF AWARDED THIS SCHOLARSHIP, IS YOUR INTENT TO BE A FULL-TIME STUDENT (12 OR MORE CREDIT HOURS PER SEMESTER) AND TRANSFER TO A 4-YEAR COLLEGE OR UNIVERSITY TO COMPLETE A BACHELORS DEGREE IN ENGINEERING OR COMPUTER SCIENCE? ___ YES ___ NO

PERSONAL:

EXTRA-CURRICULAR ACTIVITIES: _____

IF AWARDED AN NSF SCHOLARSHIP, YOU ARE EXPECTED TO STUDY AS A FULL-TIME STUDENT (at least 12 credit hours). DO YOU HAVE ANY OBLIGATIONS THAT WOULD KEEP YOU FROM DOING THIS?
___ YES ___ NO IF YES, PLEASE EXPLAIN: _____

IF AWARDED A SCHOLARSHIP, ARE YOU WILLING TO ENROLL IN PDS 120 (Becoming a Successful Engineering/CS Student) AND COME TO WEEKLY STUDY SESSIONS (3-4pm TR)? ___ YES ___ NO

REQUIRED ATTACHMENTS:

1. Typed, 750 word (or less) essay describing your interest in engineering or computer science, your commitment to achieving a B.S. in engineering or computer science, and your long term academic and professional goals.
2. Copy of transcripts from other college or university if required to demonstrate academic qualifications.
3. Three (3) letters of recommendation from high school or college faculty.

OTHER REQUIREMENTS:

1. FAFSA report released to CLC Office of Financial Aid.
2. ACT or SAT score released to CLC if required to demonstrate academic qualifications.
3. Official transcripts from other college or university sent to CLC Admissions Office if required to demonstrate academic qualifications: College of Lake County, Office of Admissions, 19351 W. Washington St., Grayslake, IL 60030

I certify that all information on this application is correct, to the best of my knowledge.

Signed: _____ Date: _____