

## Metropolitan Chicago Region STEM Program Profile

Program Focus (check as appropriate):

  

Science

Engineering

  

Technology

Mathematics

Name of Program: College of Lake County NSF Engineering and Computer Science Scholars Program

Lead Organization: College of Lake County

Program Location/Address: 19351 W Washington St, Grayslake, IL 60030

Program Website: <http://www.clcillinois.edu/nsf>

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### Program Description:

The NSF Engineering & Computer Science Scholarship Program provides scholarships, academic services, and transfer assistance for academically talented students with documented financial need. 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 CLC mathematics class at the Pre-Calculus level or above. Special emphasis is given to students from underrepresented and economically disadvantaged groups including women, minorities and the disabled.

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.

Type of Program (check as appropriate):

  
  
  
  

Professional Development for Teachers

Career Awareness

Mentorship

College Based or College Level Courses

Other (please specify):

  
  
  

Lesson Plans for Teachers

Internship

Job Shadowing

Student Academic/Educational Enrichment Program

**Area Served:**

- |  |  |   |  |
|--|--|---|--|
| <input type="checkbox"/> Chicago         | <input type="checkbox"/> Cook County - North | <input type="checkbox"/> Cook County – South and West |  |
| <input type="checkbox"/> DeKalb County   | <input type="checkbox"/> DuPage County       | <input type="checkbox"/> Grundy County                | <input type="checkbox"/> Kane County       |
| <input type="checkbox"/> Kankakee County | <input type="checkbox"/> Kendall County      | <input checked="" type="checkbox"/> Lake County       | <input type="checkbox"/> Livingston County |
| <input type="checkbox"/> McHenry County  | <input type="checkbox"/> Will County         | <input type="checkbox"/> Other (please specify):      |  |

**Age/Grade Level:**

- |   |   |  |  |
|---|---|--|--|
| <input type="checkbox"/> Preschool                | <input type="checkbox"/> Elementary (K-5) | <input type="checkbox"/> Middle School (6-8) | <input type="checkbox"/> High School (9-12)      |
| <input checked="" type="checkbox"/> Undergraduate | <input type="checkbox"/> Graduate         | <input type="checkbox"/> Teachers/Counselors | <input type="checkbox"/> Retiree/Career Changers |

**Targeted Population:**

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Asian and/or Pacific Islander | <input type="checkbox"/> Black or African American             | <input type="checkbox"/> Hispanic or Latino     |
| <input type="checkbox"/> Disabled                      | <input checked="" type="checkbox"/> Economically Disadvantaged | <input type="checkbox"/> Native American Indian |
| <input type="checkbox"/> Women                         | <input type="checkbox"/> Other (please specify):               |   |

**Program Start Date:** At the beginning of each semester (August or January)

**Program End Date:** At the end of each semester (December or May)

**Cost to Participant:** Nothing. The NSF grant provides scholarships to participants to cover the cost of being a College of Lake County student (including tuition, books, fees, etc). Participants will receive scholarships up to \$4000 per year (depending on level of financial need). Other federal financial aid may bring the amount NSF scholars receive up to \$8500 per year.

**Financial Assistance Available:**  Yes  No

**Total Number of Participants per Program Cycle:** 25

**Primary Funding Source (optional):**

- |  |                                     |   |
|--|-------------------------------------|---|
| <input type="checkbox"/> Academia              | <input type="checkbox"/> Foundation | <input type="checkbox"/> Industry         |
| <input checked="" type="checkbox"/> Government | <input type="checkbox"/> Self Pay   | <input type="checkbox"/> Other (specify): |

**Amount of Funding (optional):** This scholarship program is made possible by a grant from the National Science Foundation under Grant DUE-0630906.

**Other Funding Sources and Amounts (optional):**

**Other Program Partners:**