

**NC STATE UNIVERSITY**



**NC-MSEN Pre-College Program @ NCSU**

Friday Institute  
1890 Main Campus Drive  
Raleigh, NC 27606  
(919) 513-8534  
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Internet: <http://msen.fi.ncsu.edu>



**LIGON MAGNET  
MIDDLE SCHOOL**

**2017 – 18 NC-MSEN PRE-COLLEGE PROGRAM APPLICATION**

The North Carolina Mathematics & Science Education Network Pre-College Program (NC-MSEN PCP) is a year-round program for underserved students in grades 6 – 12 that is designed to provide mathematics and science enrichment. The ultimate goal of the program is for students to attend a four-year college/university and to major in a Science, Technology, Engineering, and Mathematics (STEM) or education field.

Our year-round program consists of the following:

- 10 Saturday Enrichment Classes from 9am-1:30pm (5 in the Fall & 5 in Spring)
- Mini Run-off – local NC State hands-on competitions
- MSEN Day – State-wide hands-on and academic (Math & Science) competitions
- Summer Scholars – two-week summer program
- Various field trips throughout the year

The NC-MSEN Pre-College Program will admit a limited number of students based upon our program's criteria. Students who are currently in the 12<sup>th</sup> grade and who have never previously participated in the program are not eligible to participate in the program.

Students and parents must be willing to attend ALL of our program events. The 2016-17 Calendar is listed in this application as an example of the events that our program provides annually. The 2017-18 calendar will be available by August 1, 2017 on our website, [msen.fi.ncsu.edu](http://msen.fi.ncsu.edu). If the student and parent are not willing to commit to the program dates, the student should NOT apply.

**NORTH CAROLINA STATE UNIVERSITY  
COLLEGE OF EDUCATION  
NORTH CAROLINA MATHEMATICS AND SCIENCE EDUCATION NETWORK  
(NC-MSEN) PRE-COLLEGE PROGRAM**

**NC-MSEN PRE-COLLEGE PROGRAM CALENDAR  
2016-17 SCHOOL YEAR (EXAMPLE)**

**Saturday Academy is 9:00 AM – 1:30 PM** Saturday Academy will always be held in Poe Hall on NCSU's Main Campus unless it is noted for a specific Saturday Academy date.

**Fall Session: Who SHOULD attend?**

Middle School: All middle school students and programs (including Carnage MS Elective class & N. Garner MS after-school club) should attend **EXCEPT** Centennial Campus Middle School MSEN after-school club and Ligon MSEN Elective class. High School: All high school students.

October 15, 2016 (Location: Friday Institute and Centennial Campus Middle School)  
October 29, 2016  
November 5, 2016  
November 12, 2016  
December 3, 2016

**Winter Session: Who SHOULD attend?**

Middle School: All middle school students and programs (including Centennial Campus Middle School MSEN after-school club and Ligon MSEN Elective class) should attend **EXCEPT** Carnage MS Elective class & N. Garner MS after-school club. High School: All high school students.

January 21, 2017  
January 28, 2017  
February 4, 2017 (Location: Friday Institute and Centennial Campus Middle School)  
February 18, 2017  
February 25, 2017

**Events**

- Mini-Runoff  
Saturday, March 4, 2017  
9 a.m. – 12 p.m.  
Friday Institute – CCMS
  
- MSEN Day  
Saturday, April 22, 2017- tentative  
University of North Carolina at  
Charlotte
  
- Awards Ceremony  
Saturday, May 20, 2017  
10 a.m. – 12 noon  
Talley Student Union Ballroom  
NCSU Main Campus

**PLEASE PRINT:**

Student Name \_\_\_\_\_

Current School: \_\_\_\_\_

Grade Level: \_\_\_\_\_

Date of Birth \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
Month Day Year

Gender \_\_\_\_\_

Race/Ethnicity \_\_\_\_\_

Are you on free or reduced lunch? \_\_\_\_\_  
(If yes, please provide documentation with this application.)

Which members of your immediate family such as mother or father have graduated from a four-year college/university?

\_\_\_\_\_

Home Street Address \_\_\_\_\_

City, State, Zip Code \_\_\_\_\_

Home Phone Number \_\_\_\_\_

Student E-mail Address \_\_\_\_\_

Parent/Guardian's Email Address \_\_\_\_\_

Career Interest: \_\_\_\_\_

Math Course (2017-18 School Year) \_\_\_\_\_

Science Course (2017-18 School Year) \_\_\_\_\_

**PARENT INFORMATION:**

Do you live with both parents? (Please circle one) YES NO

If no, which parent(s) do you reside with regularly? \_\_\_\_\_

Mother/Female Guardian: \_\_\_\_\_

Work Phone Number: \_\_\_\_\_

Cell Phone Number: \_\_\_\_\_

Father/Male Guardian: \_\_\_\_\_

Work Phone Number: \_\_\_\_\_

Cell Phone Number: \_\_\_\_\_

**ESSAY**

**Please write a short essay on how your participation in this program will benefit your academic future.**



**NC STATE UNIVERSITY**

### NC-MSEN Pre-College Program Recommendation Form

#### This Part to be Completed by the Applicant

Name \_\_\_\_\_  
Last First Middle

Address \_\_\_\_\_  
Street City State Zip Code Country (if not US)

E-mail Address \_\_\_\_\_ Phone \_\_\_\_\_

**Applicant's statement:** I understand this letter of evaluation is to be received and maintained in confidence by North Carolina State University's NC-MSEN Pre-College Program.

#### Please give this form to your recommender

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**RECOMMENDER**-Please return this form to the student or parent.

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#### This Part to be completed by the Recommender

**To the Recommender:** We would appreciate your opinion of \_\_\_\_\_, an applicant for the NCSU NC-MSEN Pre-College Program. The NC-MSEN Pre-College Program is a year-round mathematics and science enrichment program whose purpose is to prepare underserved students to attend a four-year college/university and to major in a STEM or education area. We are particularly interested in the candidate's strengths and weaknesses in the areas of math and science as well as behavior.

	Above Average	Average	Below Average
Intellectual ability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Imagination & creativity	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Ability in oral expression	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Writing ability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mathematical ability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Science ability	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Behavior	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

How long have you known this applicant? \_\_\_\_\_

In what capacity? \_\_\_\_\_

\_\_\_\_\_  
Recommender's Name (Please Print) Position or Title

\_\_\_\_\_  
Name of School Address

\_\_\_\_\_  
Phone Email Signature Date



**NC STATE UNIVERSITY**

In order to obtain admissions into the NC-MSEN Pre-College Program at NC State University, I must submit the following information on the behalf of my child by the deadline date.

**Submission Items**

1. \_\_\_\_\_ **NC-MSEN Pre-College Program Application Form**
2. \_\_\_\_\_ **Latest Report Card from the 2017-18 school year**
3. \_\_\_\_\_ **Two (2) Teacher Recommendation Forms from language arts/English, math, science, or social studies teachers**

(Math teacher must be one of the recommendations. Please make copies of the above recommendation form to give to your child's teacher.)

**\*\* All application materials must be turned in as one complete packet to the MSEN Advisor at Ligon Magnet Middle School. Incomplete applications will not be reviewed. Packet information is due no later than April 7, 2017.**

I am committing my child, \_\_\_\_\_, to participate in the NC-MSEN Pre-College Program for the 2017-18 school year. I understand that my child's participation in the program is a commitment to participate in all activities, Saturday Academy for **five Saturdays during the fall 2017-18, MSEN Day, the Awards Ceremony, and Summer Scholars. Each year, I understand that I am expected to enroll online for the program and pay a non-refundable enrollment fee of \$90 or higher (currently, the fee for 2017-18 has yet to be determined) and a LIGON MAGNET MIDDLE PIE CLUB FAMILY FEE.** In addition, I understand that my child may be dismissed because of inappropriate behavior (suspension or other behavior that is unacceptable for the program such as fighting), grades that are under a "C" average in the core classes (math, science, language arts/English, and social studies), or lack of attendance at NC-MSEN Pre-College Program activities as decided by the NC-MSEN Pre-College Program Coordinator, the Assistant Coordinator, or the MSEN Lead Teacher at Ligon Magnet Middle School.

Parent/Guardian Signature: \_\_\_\_\_

Date: \_\_\_\_\_