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 9 am-1:30 pm (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 12th 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 following calendar listed in this application is an example of the events that our program provides annually. The 2020-2021 calendar will be available by August 1, 2020 on our website, https://www.fi.ncsu.edu/teams/msen/. If the student and parent are not willing to commit to the program dates, the student should NOT apply.
NORTH CAROLINA MATHEMATICS AND SCIENCE EDUCATION
NETWORK (NC-MSEN) PRE-COLLEGE PROGRAM
2018-2019 SCHOOL YEAR CALENDAR

Saturday Academy

● Hours: 9:00 a.m. – 1:30 p.m.
● Location: Unless noted on the specific Saturday Academy date, Saturday Academy will always be held in Poe & SAS Halls on NCSU’s Main Campus.

Fall Session: Who should attend?

● Carnage MSEN Elective Class & N. Garner Middle School MSEN Club students
● All high school and non-MSEN school based middle school students

October 20, 2018 @ Friday Institute
October 27, 2018
November 10, 2018
December 1, 2018
December 8, 2018

Winter Session: Who should attend?

● Centennial MSEN Club, Ligon MSEN Elective Class, & St. Raphael Catholic School MSEN Club students
● All high school and non-MSEN school based middle school students

January 12, 2019
January 26, 2019
February 2, 2019 @ Friday Institute
February 16, 2019
February 23, 2019

March 2, 2019 - Mini-Runoff @ Friday Institute

March 23, 2019 – STEM Day

March 30 - MSEN Day @ Elizabeth City State University

May 4, 2019 - Awards Day @ Witherspoon Cinema – NCSU
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 (2020-21 School Year) _________________________________________

Science Course (2020-21 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.
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 2019-2020 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.

I am committing my child, _____________________________, to participate in the NC-MSEN Pre-College Program for the 2020-21 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 Winter 2020-21, 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 (2020-21 fee 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: __________________________________________
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

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.

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</table>

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-MSEN Pre-College Program Recommendation Form

This Part to be Completed by the Applicant

Name ____________________________________________

Address _____________________________________________

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

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

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.

Intellectual ability

Imagination & creativity

Ability in oral expression

Writing ability

Mathematical ability

Science ability

Behavior

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