

NC-MSEN PRE-COLLEGE PROGRAM SITES

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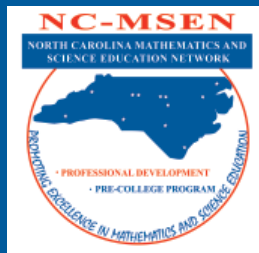
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North Carolina Mathematics and Science Education Network

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[http://www.unc.edu/depts/
msen/pc/index.htm](http://www.unc.edu/depts/msen/pc/index.htm)

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NORTH CAROLINA MATHEMATICS AND SCIENCE EDUCATION NETWORK Pre-College Program



NC-MSEN PRE-COLLEGE PROGRAM

The NC-MSEN Pre-College Program is designed to broaden the pool of students who graduate from high school with sufficient preparation to pursue mathematics and science programs of study at the university level and to move into careers in science, mathematics, technology, engineering, and teaching. To achieve these goals, the program offers rigorous science- and mathematics-based academic enrichment classes and activities to traditionally underserved students in grades 6-12. These activities are integrated into the core curriculum and include career awareness programs, leadership training, academic advising and tutoring, academic competitions, and hands-on laboratory experiences in mathematics, science, and technology.

PRE-COLLEGE PROGRAM COMPONENTS

- Academic Enrichment Classes - classes that are offered daily at several of the Pre-College Program sites to middle school students
- Academic Chapter of Excellence (ACE) Clubs - academic organizations that provide a peer support group for those interested in science, mathematics, engineering, and technology
- Saturday Academy - a series of courses and field trips held at the Pre-College Program sites during the school year
- Summer Programs - academic activities that include the Summer Scholars Program and the Pre-College Research Experiences Program (PREP)
- MSEN Day - a statewide annual competition in mathematics, science, engineering, and technology
- Leadership - a statewide annual retreat focused on leadership-building activities



PARENTAL INVOLVEMENT

Parents are expected to participate and to ensure that their children participate fully in the Pre-College Program activities. As members of Parents Involved in Excellence (PIE) Clubs, parents attend workshops and meetings on topics such as school academic requirements and standardized testing. PIE Clubs also support student activities by providing volunteers for events and by assisting program staff with planning.



HOW TO PARTICIPATE

The NC-MSEN Pre-College Program actively recruits and prepares students of average to above average ability in grades 6-12 who have not been sufficiently exposed to mathematics- and science-based courses and careers.

The administration of school-based programs (academic enrichment classes and ACE Clubs) is determined by the local education agency (LEA) in collaboration with the university. Admission to the schools' programs does not guarantee admission to the university's programs, such as Saturday classes or summer activities, which often have a limited capacity.

For information on admission to university-based programs, please contact the Pre-College Program site in your area. For more information on the North Carolina Mathematics and Science Education Network and the Pre-College Program, please visit the web site at:
<http://www.unc.edu/depts/msen/pc/index.htm>

