



**Engineering & Technologies Academy
at Roosevelt High School**
5110 Walzem Road
San Antonio, TX 78218
(210) 650-1100, ext. 397

The Engineering and Technologies Academy (ETA) offers students courses such as Bio-Engineering, Home Technology Integration, Pre-Engineering Manufacturing, Geographic Information Systems, and Long Distance college courses. This academy offers up to 30 hours of dual college credit while attending high school. Sophomores have the option to participate in the Edge program, a Pre-Engineering program at San Antonio College. Juniors and seniors have an opportunity to participate in the Massachusetts Institute of Technology (MIT) program.

All ETA students are members of the Technology Student Association and may participate in regional, state and national competitions.

Any student may submit an application. Student selection is based on a review of the application, student's grades, attendance, and a parent/student interview with the program director.

For more information about ETA, visit the school's Web site at www.neisd.net/eta/.



**North East School of the Arts
at Lee High School**
1400 Jackson-Keller
San Antonio, TX 78213
(210) 442-2505

The North East School of the Arts (NESA) provides a rigorous academic environment, designed to encourage artistic excellence, integration with multiple arts disciplines, and authentic assessment. NESA students study daily with a unique staff of professional educators who are also working artists with significant training and experience in their individual disciplines. NESA students participate in master classes and seminars, engage in many enrichment activities, and have multiple opportunities to showcase their talents.

Seven majors offered at NESA include cinema, dance, musical theatre, visual arts, creative writing, instrumental music, and technical theatre.

NESA uses an application and formal audition process to select students. Students completing this curriculum will be prepared to enroll in a university or arts conservatory, or to pursue a professional artistic endeavor.

For more information about NESA, visit the school's Web site at www.neisd.net/nesa/.



**International School of the Americas
at Lee High School**
1400 Jackson-Keller
San Antonio, TX 78213
(210) 356-0900

Students at the International School of the Americas (ISA) are immersed in a collaborative, relationship-driven environment and are provided with an honors level curriculum and the extra academic support required to succeed at this challenge. All students participate in international travel, community service, a career exploration internship, and a final portfolio assessment of their learning at the conclusion of their senior year. It is a dynamic learning environment that also serves as a professional development school for Trinity University by mentoring new teachers into the teaching profession.

At ISA, any student may apply, with the freshman class each year selected by lottery, producing a diverse student body. At the upper grade levels, transfers are accepted on a limited, space available basis. Transfers are also based upon an interview and a review of their academic record.

For more information about ISA, visit the school's Web site at www.neisd.net/isa/.



**RAM (Science, Technology, Engineering
and Mathematics) Academy
at Lee High School**
1400 Jackson Keller
San Antonio, TX 78213
(210) 442-0328

The RAM (Science, Technology, Engineering, and Mathematics) Academy is a magnet program opened at Lee High School in 2007-2008 for ninth-graders. One additional grade level will be added each year until the academy reaches full capacity in 2010-2011.

The mission of the RAM Academy is to engage students in the application of knowledge as scientists, mathematicians, engineers, designers, international scholars, and writers.

The RAM Academy will be the only magnet program that serves students in grades 6-12, beginning at Nimitz Middle School.

Admission will be open to all students with a random lottery used as a selection method. About 70 percent of the students will be drawn from the Lee community and 30 percent will be drawn from the rest of NEISD.

For more information about RAM, visit the school's Web site at www.neisd.net/stem/.

North East ISD proudly provides the community with a wide variety of choices in public education, especially through its 12 magnet schools. Magnet schools offer a variety of teaching approaches that help customize a student's educational program through the following:

- smaller learning environments
- in-depth and focused curriculum
- specific areas of interest, such as technology or the arts
- opportunities for students to discover their talents
- exploration of students' interests while focusing on strong academic excellence
- support for students' diverse needs

North East magnet schools emphasize choice, teamwork, student involvement and intellectual ability. They support the district's goal that all students will have the opportunity to acquire the knowledge and skills necessary to realize their potential.



Students will develop their special talents while enhancing their learning capacities through academic challenges, complex thinking and problem solving. All of the

North East magnet schools have an application process that could include interviews or a portfolio of work.

This brochure features brief descriptions and an overview of each of the magnet programs offered in the district.



For more information about any of the elementary, middle or high school programs, such as frequently asked questions, visit the program's Web site as listed inside this brochure.

The North East Independent School District does not discriminate on the basis of race, color, religion, gender, national origin, age or disability



NEISD MAGNET PROGRAMS

North East Independent School District
8961 Tesoro Drive
San Antonio, TX 78217

www.neisd.net



Castle Hills Elementary School
200 Lemonwood
San Antonio, TX 78213
(210) 407-1800

Castle Hills Elementary School is the district's only year-round elementary magnet/school of choice. In addition to the state-mandated curriculum, the school offers a magnet program consisting of Spanish, art, and music to all students in Kindergarten through fifth grade. Castle Hills also provides extra curricular activities for students such as a student-run newspaper, chess club, and annual school play performed in the spring.

Students may choose to enroll at Castle Hills from six surrounding attendance areas. Students who live in the Castle Hills attendance area are given first choice to attend the school.

The six feeder schools are given second choice. These schools are Colonial Hills, Harmony Hills, Ridgeview, Larkspur, Oak Meadow, and Jackson-Keller Elementary Schools.

For more information about Castle Hills, visit the school's Web site at www.neisd.net/castle/.



Interactive Media Applications
at Krueger Middle School
438 Lanark
San Antonio, TX 78218
(210) 650-1350, ext. 238

Interactive Media Applications at Krueger Middle School (IMAK) is a school-within-a-school magnet program located on the campus of Krueger Middle School. The school's curriculum is centered on media themes and involves integration of all the core subject areas to build relevancy.

Students have the same opportunities to participate in fine arts and athletics as any other school, but they may enroll in unique electives such as, web design, multimedia, and video technology.

Students have the option of selecting regular or Pre-AP courses. Admission to IMAK is by a qualified lottery. Students need to have passing grades, good conduct and pass their Texas assessment tests to qualify.

For more information about iMAK, visit the school's Web site at www.neisd.net/imak/.



Agriscience Magnet Program
at Madison High School
5005 Stahl Road
San Antonio, TX 78247
(210) 356-1454

The mission of the Agriscience Magnet Program (AMP) is to prepare ninth- through twelfth-grade students for agribusiness careers through a program that addresses the targeted occupations of the region and to offer courses of study that provide a direct career path for higher education.

AMP offers six majors in agriculture including Animal Science, Environmental Science, Plant Science, Agriculture Communications, Agricultural Engineering, and Agribusiness Marketing.

The AMP is one of the largest and most active agriculture programs in Texas. It currently offers six courses for 18 dual-credit college hours.

Students within the Madison attendance area may sign up for the introductory course. Transfer students apply through an interview and a review of their middle school performance.

For more information about AMP, visit the school's Web site at www.jamesmadisonffa.org.



Design And Technology Academy
at Roosevelt High School
5110 Walzem Road
San Antonio, TX 78218
(210) 356-2237

At the Design And Technology Academy (DATA), our mission is to graduate students who will be independent thinkers and learners. This college preparatory program stresses creativity, problem-solving, teamwork and technology through projects in design fields such as engineering, web page design, video game design, programming languages, architecture, fashion design, graphic arts, animation and digital rendering and modeling.

Some of the software packages that students at DATA have the opportunity to learn include Lightwave, Adobe Illustrator, Flash, Dreamweaver, Image Ready, Director, Photoshop, Final Cut Pro, and programming languages in C++, Visual Basic, SketchUp and AutoCAD.

DATA uses a lottery system to admit new freshmen. New sophomores are admitted based on interviews and a review of academic and attendance records.

For more information about DATA, visit the school's Web site at www.neisd.net/data/.



Krueger School of Applied Technologies
at Krueger Middle School
438 Lanark
San Antonio, TX 78218
(210) 650-1350, ext. 238

The Krueger School of Applied Technologies is an applied technology, school-within-a-school magnet program centered on aerospace themes and housed at Krueger Middle School. Students' core courses are Pre-AP or GT and designed with rigor to prepare them for advanced high school studies that in turn will enable them to expand their college admission opportunities. KSAT uses a subject integration model to build relevancy for all of the core areas.

Students have the same opportunities to participate in fine arts and athletics as any other school, but they may enroll in unique electives such as, rocketry, robotics, and aerospace studies.

Admission to KSAT is competitive and students are considered based upon their grades, conduct and TAKS scores.

For more information about K-SAT, visit the school's Web site at www.neisd.net/ksat/.



RAM (Science, Technology, Engineering
and Mathematics) Academy
at Nimitz Middle School
5426 Blanco Road
San Antonio, TX 78216
(210) 442-0477

The RAM (Science, Technology, Engineering and Mathematics) Academy is a magnet program opened at Nimitz Middle school in 2007-2008 for sixth-graders. One additional grade level will be added each year until the academy reaches full capacity in 2010-2011.

The mission of the RAM Academy is to engage students in the application of knowledge as scientists, mathematicians, engineers, designers, international scholars, and writers. The RAM Academy will be the only magnet program that serves students in grades 6-12, continuing on at Lee High School.

Admission will be open to all students with a random lottery used as a selection method. About 70 percent of the students will be drawn from the Lee community and 30 percent will be drawn from the rest of NEISD.

For more information about RAM, visit the school's Web site at www.neisd.net/stem/.



Automotive Technology Academy
3736 Perrin-Central #4
San Antonio, TX 78217
(210) 407-0742

By providing a state-of-the-art facility and a rigorous curriculum, the mission of the Automotive Technology Academy (ATA) is to prepare students with the knowledge and skills to pursue a post secondary education or begin a life-long career in the automotive industry. The first stand alone program of its kind, ATA is a three-year program designed for students starting in 10th grade and finishing with an internship program their senior year. ATA students will have the opportunity to learn automotive brake systems, suspension systems, electrical and electronic systems, and engine diagnostics, among other skills. ATA will provide opportunities for all students to apply academics, with real hands-on experiences.

The ATA encourages all students interested in the automotive industry to fill out and submit an application. Applications are reviewed by the instructors and potential students are selected based upon interest, grades, discipline and attendance.

For more information about ATA, visit the Career & Technology Web site at www.neisd.net/auto/.



Electrical Systems Technology
at MacArthur High School
2923 Bitters Road
San Antonio, TX 78217
(210) 650-1100, ext. 397

The Electrical Systems Technology (EST) program is designed for students in ninth through twelfth grade who are interested in the electrical industry. The program has been established as an Apprenticeship Program in conjunction with the U.S. Department of Labor, Bureau of Apprenticeship and Training.

The EST program brings together academics, work site learning and paid work experience.

Whether students plan to be an electrical engineer, fiber optic specialist, electrician, or any one of many occupations in the electrical industry, the program has a course of study that addresses their needs.

Students interested in attending EST must show their proven ability to actively participate in the learning process by completing an application and an interview with the program director.

For more information about EST, visit the school's Web site at www.neisd.net/mac/career/electric.htm.