

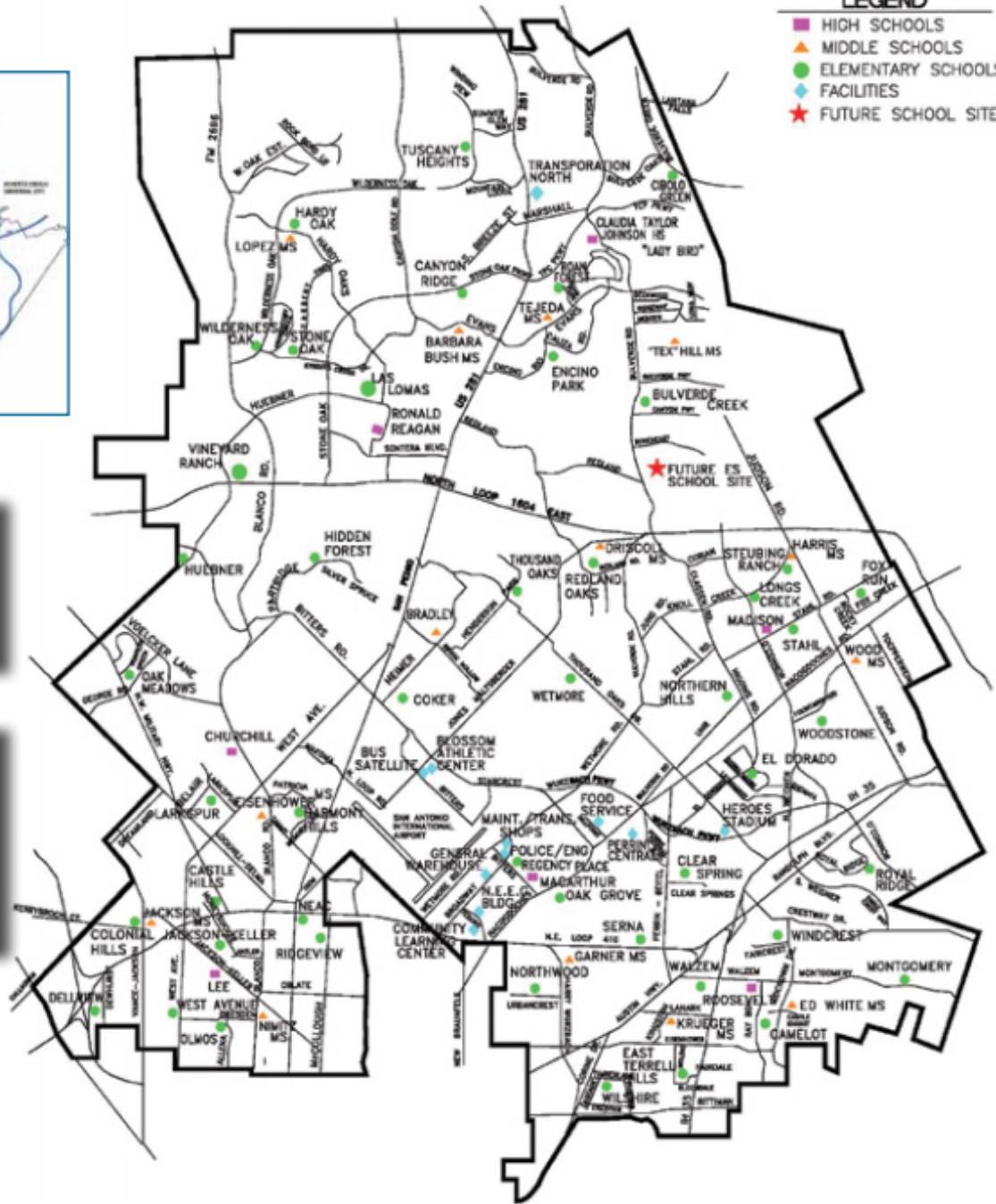
NORTH EAST INDEPENDENT SCHOOL DISTRICT

COLLEGE & CAREER **PROGRAM OF STUDY** Endorsement Guide



LEGEND

- HIGH SCHOOLS
- ▲ MIDDLE SCHOOLS
- ELEMENTARY SCHOOLS
- ◆ FACILITIES
- ★ FUTURE SCHOOL SITE



Did you know?

NEISD is the second largest school district in the San Antonio area.

Fun Fact

It spans approximately 144 square miles in north central and north east Bexar County. That's the size of Jamaica!

District Boundaries

The majority of the district lies within the boundaries of the city of San Antonio, but several smaller communities are also encompassed within North East ISD, including the cities of Castle Hills, Hill Country Village, Hollywood Park and Windcrest. Additional boundary information can be found at www.neisd.net.

Graduation Program - Overview

Foundation High School Program

A new, more flexible graduation program that allows students to pursue their interests will be in place for all students who enter high school, beginning in the 2014-2015 school year.

The program contains up to four parts:

- A 22-credit foundation program which is the core of the new Texas high school diploma
- Five endorsement* options that allow students to focus on a related series of courses
- A higher performance category called Distinguished Level of Achievement
- Performance Acknowledgments that note outstanding achievement

The Foundation requirements (22 credits) include:

English (4 credits) • English • English II • English III • An advanced English Course

Mathematics (3 credits) • Algebra I • Geometry • An advanced math course

Science (3 credits) • Biology • Integrated Physics & Chemistry or an advanced science course
• An advanced science course

Social Studies (3 credits) • World History or World Geography • U.S. History
• U.S. Government (one-half credit) • Economics (one-half credit)

Languages Other Than English (2 credits) • 2 credits in the same language or
• 2 credits from Computer Science I, II, III

Physical Education (1 credit) Health (0.5 credit) Fine Arts (1 credit) Electives (5 credits)

Speech: Demonstrated proficiency

Endorsements Total credits with endorsements: 26

Enhancements

Additionally, a student may earn the Distinguished Level of Achievement and/or a Performance Acknowledgment for outstanding performance. The Distinguished Level of Achievement must be earned to be a candidate for admission to a Texas public university under the Top 10 percent automatic admission law.

Distinguished Level of Achievement

- Foundation Program requirements
- 4 credits in math including Algebra II
- 4 credits in science
- At least 1 endorsement

Performance Acknowledgments

- dual credit course
- bilingualism and bi-literacy
- PSAT, ACT's Plan, SAT or ACT
- AP or IB exam
- Earning a nationally or internationally recognized business or industry certification or license

*A student entering 9th grade must indicate an endorsement he or she plans to follow. A student may change or add an endorsement any time.

A student may graduate without earning an endorsement if, after his or her sophomore year, the student's parent signs a form permitting the student to omit the endorsement requirement.

Graduation Program - Checklists

8th Grade

- ❑ **Review** choices offered under the **Foundation High School Program** and the **Endorsements** to decide on your future academic path.
- ❑ **Select** the endorsement that best fits your area of personal interest and the major you plan to study in college.
- ❑ **Recognize** that most college entrance requirements include rigorous advanced courses including **Algebra II**, higher-level science courses and languages other than English.

9th/10th Grade

- ❑ **Monitor** high school credits; be sure to meet all **local and state requirements** by the end of the senior year.
- ❑ **Take dual enrollment** or **Advanced Placement courses** if possible to earn college credit while still in high school.
- ❑ **Keep** list of awards, honors and extracurricular activities for scholarship and college applications.
- ❑ **Research** colleges or universities you are interested in attending. Check admission and application requirements and timelines.
- ❑ **Explore** interests and take advantage of **Career Day** opportunities.
- ❑ **Attend college nights** hosted by your high school. Talk with school representatives about the types of financial aid available.
- ❑ **Take** the Preliminary SAT/National Merit Scholarship Qualifying Test in your sophomore year for practice. In your junior year, take the PSAT/NMSQT for eligibility for the National Merit Scholarship Competition. Students who take the PSAT or ACT's PLAN tend to score higher on the SAT or ACT than those who do not.

11th/12th Grade

- ❑ **Take dual enrollment** or **Advanced Placement courses** if possible to earn college credit while you are still in high school.
- ❑ **Check** with your counselor's office to learn about available scholarships. Be sure to apply early and for as many scholarships as possible. Do not limit yourself to local scholarships.
- ❑ **Consider** taking SAT/ACT preparation classes. **Sign up** and take the ACT and/or SAT test, preferably in your junior year but no later than the fall of your senior year.
- ❑ **Fill out** the FAFSA (Free Application for Federal Student Aid) early in the spring of your senior year.
- ❑ **Apply** to college during the fall of your senior year.

If you plan to pursue technical training or enter the workforce after graduation, learn about Workforce Resources page or visit Texas Reality Check at www.texasrealitycheck.com/.

Endorsements - Choices

Endorsements

For the first time, students will be able to earn one or more endorsements as part of their graduation requirements. Endorsements consist of a related series of courses that are grouped together by interest or skill set. They provide students with in-depth knowledge of a subject area.

Students must select an endorsement* in the ninth grade. Districts and charters are not required to offer all endorsements. If only one endorsement is offered, it must be multi-disciplinary studies.

Students earn an endorsement by completing the curriculum requirements for the endorsement, including 4th credit of math and science and 2 additional elective credits.

Students can choose from 5 endorsement areas:

Science, Technology, Engineering and Mathematics (STEM)

- Career and Technical Education (CTE) courses related to STEM
- Mathematics
- Science
- Computer Science
- Combination of no more than two of the categories listed above

Business and Industry (one of the following or a combination of areas)

- Agriculture
- Arts
- Audio/Video
- Finance
- Marketing
- Food and Natural Resources
- Hospitality and Tourism
- Information Technology
- Manufacturing
- Technology Applications
- Architecture and Construction
- Technology and Communications
- Business Mgmt and Administration
- Transportation or Distribution and Logistics
- English electives in public speaking, debate, advanced broadcast journalism, advanced journalism including newspaper and yearbook

Public Services (one of the following)

- Human Services
- Law
- Corrections and Security
- Health Science
- Public Safety
- Education and Training
- Government and Public Administration
- Junior Reserve Officer Training Corps (JROTC)

Arts and Humanities (one of the following)

- 2 levels each in two languages other than English (LOTE)
- 4 levels in the same LOTE
- Courses from one or two areas (music, theater, art, dance) in Fine Arts
- English electives not included in Business and Industry
- Social Studies
- American Sign Language (ASL)

Multi-Disciplinary Studies (one of the following)

- 4 advanced courses from other endorsement areas
- 4 credits in each foundation subject area, including English IV and chemistry and/or physics
- 4 credits in Advanced Placement, International Baccalaureate, or dual credit selected from English, mathematics, science, social studies, economics, LOTE or fine arts

*Visit your school counselor to learn more about your options.
Students may earn more than one endorsement.

Freshman Options for Endorsements

	Program of Study	Crse#	Freshman Course Name
Multidisciplinary Studies	Four Core Subject		Before graduation the student must complete four credits in each of the four foundation subject areas that must include English IV and Chemistry and/or Physics.
	Four Advanced Placement Courses		Before graduation the student must complete four advanced placement courses to include one credit in each of the four foundation subjects: English, Math, Social Studies, and Science
STEM	Advanced Math	2313 2413 2324	Algebra 1 OR Geometry if Algebra I has been completed OR Algebra II Pre-AP if Algebra I and Geometry have been completed
	Advanced Science	3223	Biology
	Computer Science	3005	Computer Science I Pre-AP
	Engineering	8250	Concepts of Engineering and Technology
Business and Industry	Agriculture	8261	Principles of Agriculture, Food and Natural Resources (Ag Magnet Program - Madison HS)
	Animation	6656	Principles of Arts, A/V, and Communications
	Architecture Design	6647	Principles of Architecture and Construction
	Audio/Video Technology	6656	Principles of Arts, A/V, and Communications
	Automotive Technology Academy	N/A	Program starts in 10th grade. Recommendation is to take other required graduation requirements
	Broadcast Journalism	1705	Broadcast Journalism
	Business	8290	Principles of Business, Marketing, and Finance
	Construction Management	6647	Principles of Architecture and Construction
	Culinary	N/A	Program starts in 10th grade. Recommendation is to take other required graduation requirements
	Debate	5820	Debate I
	Electrical Apprenticeship Program	6647	Principles of Architecture and Construction (MacArthur HS)
	Fashion Design	6721	Principles of Human Services
	Finance	8290	Principles of Business, Marketing, and Finance
	Graphic Design	6656	Principles of Arts, A/V, and Communications
	Information Technology	6687	Principles of Information Technology
	Interior Design	6721/6647	Principles of Human Services/OR Principles of Architecture and Construction
	Journalism	1703	Journalism I
	Marketing	8290	Principles of Business, Marketing, and Finance
	Newspaper	1743	Advance Digital Journalism
	Public Speaking	5800/5810	Public Speaking I/Oral Interpretation
Technology Applications	3031	Web Design	
Welding	8261/6647	Principles of Agriculture, Food & Natural Resources/OR Principles of Architecture and Construction	
Yearbook	1746	Advanced Journalism - Yearbook Production	
Public Services	Health Science	8340	Principles of Health Science
	Education and Training	8041/6721	Principles in Education & Training/OR Principles of Human Services
	Human Services	6721	Principles of Human Services
	JROTC	7501	ROTC I
	Law	8410	Principles of Law
Arts and Humanities	Advanced English	1113	English I
	American Sign Language	5451	American Sign Language I
	Art	5511/5512	Art I/Pre-AP Art
	Band	5611	Band I
	Choir	5711	Choir I
	Dance	7415	Dance I (Other course options: 7430, 7411, 7421, 7402)
	Flags	5619	Flags I
	French	5013	French I
	German	5113	German I
	Instrumental Ensemble	5701	Instrumental Ensemble I
	Japanese	5413	Japanese I
	Latin	5213	Latin I
	Mandarin Chinese (Lee ISA)	5445	Mandarin Chinese I
	Orchestra	5671	Orchestra I
	Social Studies	4120	World Geography
	Spanish	5313	Spanish I
	Technical Theatre	5920	Technical Theatre I
Theatre	5900	Theatre I	

North East Independent School District offers Career and Technical Education programs in Agriculture, Food & Natural Resources; Architecture and Construction; Arts, A/V Technology and Communications; Business Management and Administration; Education and Training; Finance; Health Science; Hospitality & Tourism; Human Services; Information Technology; Law, Public Safety, Corrections & Security; Manufacturing; Marketing; Science, Technology, Engineering and Mathematics; and Transportation, Distribution and Logistics. Admission to these programs is based on interest and aptitude, age appropriateness and class space available.

It is the policy of North East Independent School District not to discriminate on the basis of race, color, national origin, sex, or handicap in its vocational programs, services, or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; and Section 504 of the Rehabilitation Act of 1973, as amended.

It is the policy of North East Independent School District not to discriminate on the basis of race, color, national origin, sex, handicap, or age in its employment practices as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975, as amended; and Section 504 of the Rehabilitation Act of 1973, as amended.

North East Independent School District will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and vocational programs.

For information about your rights or grievance procedures, contact the Title IX Coordinator, Ann McNabb, at 8961 Tesoro Dr., Ste. 306, San Antonio, TX 78217, (210) 407-0070, and/or the Section 504 Coordinator, Jan Dehaven, at 8961 Tesoro Dr., Ste. 500, San Antonio, TX 78217, (210) 407-0185.

**Notificación Pública de No Discriminación en Programas Vocacionales del
North East Independent School District
(Career and Technical Education Programs)**

El North East Independent School District ofrece programas de Educación Vocacional y Técnica en Agricultura, Recursos Alimentarios y Naturales; Arquitectura y Construcción; Artes, Tecnología Audiovisual y Comunicaciones; Administración y Gestión de Empresas; Educación y Capacitación; Finanzas; Ciencias de la Salud; Hotelería y Turismo; Servicios Humanos; Informática; Derecho, Seguridad Pública, Corrección y Seguridad; Manufactura; Mercadotecnia; Ciencias, Tecnología, Ingeniería y Matemáticas; y Transporte, Distribución y Logística. La admisión a estos programas se basa en el interés y la aptitud, así como en lo apropiado para la edad y la disponibilidad de espacio en la clase.

Es norma del North East Independent School District no discriminar por motivos de raza, color, origen nacional, sexo o impedimento, en sus programas, servicios o actividades vocacionales, tal como lo requieren el Título VI de la Ley de Derechos Civiles de 1964, según enmienda; el Título IX de las Enmiendas en la Educación de 1972, y la Sección 504 de la Ley de Rehabilitación de 1973, según enmienda.

Es norma del North East Independent School District no discriminar por motivos de raza, color, origen nacional, sexo, impedimento o edad, en sus procedimientos de empleo, tal como lo requieren el Título VI de la Ley de Derechos Civiles de 1964, según enmienda; el Título IX de las Enmiendas en la Educación de 1972, la Ley de Discriminación por Edad de 1975, según enmienda, y la Sección 504 de la Ley de Rehabilitación de 1973, según enmienda.

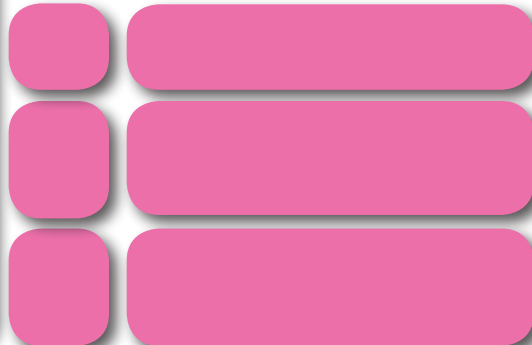
El North East Independent School District tomará las medidas necesarias para asegurar que la falta de habilidad en el uso del inglés no sea un obstáculo para la admisión y participación en todos los programas educativos y vocacionales.

Para información sobre sus derechos o procedimientos para quejas, comuníquese con la Coordinadora del Título IX, Ann McNabb, en 8961 Tesoro Dr., Ste. 306, San Antonio, TX 78217, (210) 407-0070, y/o la Coordinadora de la Sección 504, Jan Dehaven, 8961 Tesoro Dr., Ste. 500, San Antonio, TX 78217, (210) 407-0185.

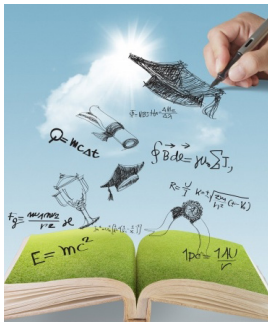
Endorsements - *Programs of Study*

North East ISD students entering 9th grade in 2014 and beyond will graduate under the Foundation HS Program with Endorsements and Distinguished Level of Achievement. Following this page you will have the opportunity to review the five endorsements available with the Programs of Study under each endorsement. Read through the Programs of Study and select one or two programs of study by circling your choices. The courses in the Programs of Study that you circled should be used to create your four-year plan for graduation and select courses. Students attending a magnet program should contact that program for more information related to the Endorsements and Programs of Study available. All required prerequisites must be followed. NEISD will offer all Endorsements, but specific programs of study and course offerings may vary from school to school.



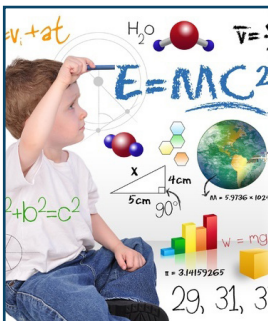


MULTIDISCIPLINARY STUDIES



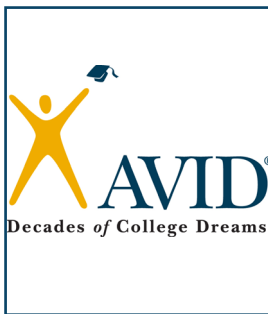
PROGRAM OF STUDY Academic Four Core

<p>Academic Four Core</p>	<p>4 Credits Four credits in each of the four foundation subject areas (English, Mathematics, Science and Social Studies) that must include English IV and Chemistry and/or Physics</p>
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PROGRAM OF STUDY Advanced Placement & Dual Credit

<p>Advanced Placement & Dual Credit</p>	<p>4 Credits Four credits in Advanced Placement or Dual Credit selected from English, Mathematics, Science, Social Studies, Economics, Languages other than English, or Fine Arts</p>
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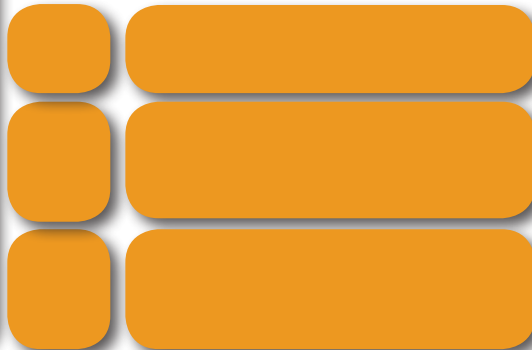


PROGRAM OF STUDY AVID

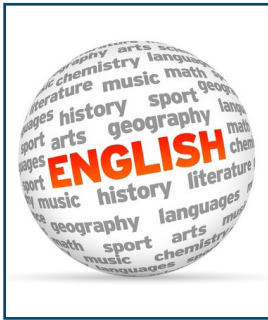
<p>AVID</p>	<p>4 Credits (Student must be accepted into the program.) 1030 AVID I (1.0) 9 1031 AVID II (1.0) 10 1032 AVID III (1.0) 11 1033 AVID IV (1.0) 12</p>
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NEISD's Advancement Via Individual Determination (AVID) program is structured within the intent and purposes of the National AVID program model. Focusing on students in the middle who have not self-selected into advanced courses, the program uses the AVID elective curriculum and support structures to promote college readiness and college preparedness.

Multidisciplinary Studies Endorsement



ARTS AND HUMANITIES



PROGRAM OF STUDY ENGLISH

<p>English</p>	<p>6 Credits (4.0 credits for Foundation and 2.0 additional credits) English I, II, III And complete at least 3.0 credits from these courses: English IV, Independent Study in English, Literary Genres, Creative Writing, Research and Technical Writing, Humanities, Communication Applications, and AP English Literature.</p>
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PROGRAM OF STUDY FINE ARTS

<p>Fine Arts</p>	<p>4 Credits A coherent sequence of <u>4.0 credits</u> by selecting courses from one or two categories or disciplines in Fine Arts: Art, Band, Choir, Dance, Flags, Orchestra, Instrumental Ensemble, Technical Theatre or Theatre.</p>
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PROGRAM OF STUDY Foreign Language (Option 1)

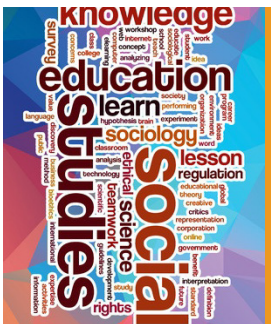
<p>Foreign Language (Option 1)</p>	<p>4 Credits Four levels (I-IV) of the same language: American Sign Language, French, German, Japanese, Latin, Mandarin Chinese, or Spanish</p>
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Arts and Humanities Endorsement



PROGRAM OF STUDY Foreign Language (Option 2)

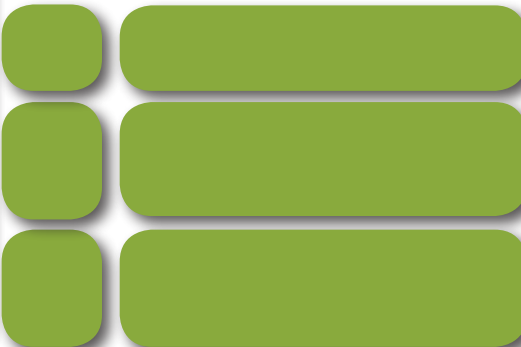
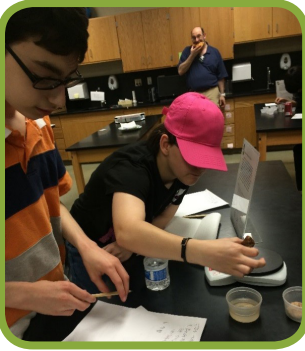
<p>Foreign Language (Option 2)</p>	<p>4 Credits Two levels (I-II) of the same language and then two levels (I-II) of another language: American Sign Language, French, German, Japanese, Latin, Mandarin Chinese, or Spanish</p>
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PROGRAM OF STUDY Social Studies

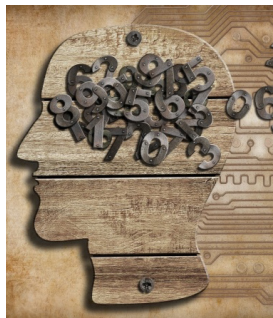
<p>Social Studies</p>	<p>5 Credits (3.0 credits for Foundation and 2.0 additional credits) Student must complete a total of 5.0 credits from these courses: Advanced Social Studies courses: Model UN, Advanced Sociology, Anthropology, AP Comparative Government and Politics, AP Human Geography, Economics, AP European History, Global Leadership, AP Macroeconomics, AP Microeconomics, Modern East Asia Studies, Psychology, AP Psychology, Special Topics, AP US Government, AP US History, US History, US Military History, PreAP World Geography, AP World History, World History</p>
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Arts and Humanities Endorsement



SCIENCE TECHNOLOGY ENGINEERING MATHEMATICS (STEM)

Do you enjoy science? Are you good at math? Do you enjoy building and fixing things? Do you want to find answers to questions? Would you enjoy working in a laboratory? Are you detail-oriented? If you answered yes to two or more of these questions, you might be a good candidate for a career in Science, Technology, Engineering & Math. Jobs in the science, technology, engineering & math career cluster involve planning, managing, and providing scientific research and professional technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.



PROGRAM OF STUDY ADVANCED MATH

<p>Advanced Math</p>	<p>5 Credits (Students must complete Algebra II, Chemistry and Physics for this endorsement.) Algebra I (1.0) 8-12 Geometry (1.0) 9-12 Algebra II (1.0) 10-12 And complete at least 2.0 credits of advanced Math courses: Algebra II, Precalculus, Advanced Quantitative Reasoning, Independent Study in Mathematics, Discrete Mathematics for Problem Solving, Algebraic Reasoning, Statistics, Advanced Placement (AP) Statistics, AP Calculus AB, AP Calculus BC, AP Computer Science, International Baccalaureate (IB) Mathematical Studies, IB Mathematics Standard Level, IB Mathematics Higher Level, IB Further Mathematics Higher Level, Engineering Mathematics, Statistics and Risk Management, Discrete Mathematics for Computer Science</p>
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PROGRAM OF STUDY ADVANCED SCIENCE

<p>Advanced Science</p>	<p>5 Credits (Students must complete Algebra II, Chemistry and Physics for this endorsement.) Biology (1.0) 9-12 Chemistry (1.0) 10-12 Physics (1.0) 11-12 And complete at least 2.0 credits of advanced Science courses: Chemistry, Physics, Aquatic Science, Astronomy, Earth and Space Science, Environmental Systems, AP Biology, AP Chemistry, AP Physics (1AB, 2AB & C), AP Environmental Science, IB (Biology, Chemistry & Physics), IB Environmental Systems, Advanced Animal Science, Advanced Plant & Soil Science, Anatomy & Physiology, Medical Microbiology, Pathophysiology, Food Science, Forensic Science, Advanced Biotechnology, Principles of Technology, Scientific Research & Design, Engineering Design & Problem Solving</p>
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Science, Technology, Engineering & Math (STEM) Endorsement



PROGRAM OF STUDY COMPUTER SCIENCE (OPTION 1)

Computer Science (Option 1)

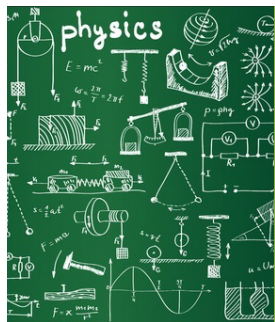
3 Credits (Students must complete Algebra II, Chemistry and Physics for this endorsement.)
 3005 Pre AP Computer Science (1.0) 9-12
 3007 AP Computer Science Principles (1.0) 11-12
 3010 AP Computer Science A (1.0) 10-12
 And complete at least 1.0 credit of advanced Math courses.
 Four foundational math courses plus and additional math course to total 5.0 credits of Math



PROGRAM OF STUDY COMPUTER SCIENCE (OPTION 2)

Computer Science (Option 2)

4 Credits (Students must complete Algebra II, Chemistry and Physics for this endorsement.)
 3025/3032 Fundamentals of Computer Science (0.5) 8-12
 3005 Pre AP Computer Science (1.0) 9-12
 3007 AP Computer Science Principles (1.0) 11-12
 3010 AP Computer Science A (1.0) 10-12
 3033 Mobile Application Development (1.0) 9-12
 3037 Game Programming Design
 3011 Independent Study in Technology Applications (1.0) 9-12
 8419 Digital Forensics (1.0) 11-12
 3013 Discrete Mathematics for Computer Science (1.0) 11-12



PROGRAM OF STUDY ENGINEERING

Engineering

4 Credits (Students must complete Algebra II, Chemistry and Physics for this endorsement.)
 At least 2.0 Credit from the following courses:
 3019/8250 Concepts of Engineering and Technology (1.0) 7-10 (Recommended)
 3039 Concepts of Engineering and Technology (0.5) 7-8 (Middle School)
 8252 Engineering Design and Presentation (1.0) 9-12 (Recommended)
 8025 Dollars and Sense (0.5) 9-12
 5809 Professional Communications (0.5) 9-12
 And complete at least 2.0 credits from these advanced courses:
 8253 Advanced Engineering Design (2.0) 10-12 (Recommended)
 8258 Engineering Design and Problem Solving (1.0) 11-12
 8254 Electronics (1.0) 10-12

8255 Advanced Electronics (2.0) 11-12
 8260 Practicum In STEM (2.0) 12
 8251 Engineering Math (1.0) 11-12
 8341 Biotechnology (1.0) 10-12
 8342 Advanced Biotechnology (1.0) 11-12
 8230 Data Acquisitions and Analysis(1.0) 9-12
 8094 Robotics and Automation(1.0) 9-12
 8259 Scientific Research and Design (1.0) 11-12
 8271 Principles of Engineering (1.0) 11-12
 3854 Neurobiology (1.0) 11-12
 8357 Introduction to Engineering (1.0) 9-12 PLTW
 8355 Computer Integrated Manufacturing (1.0) 10-12 PLTW
 8356 Aerospace Engineering (1.0) 10-12 PLTW

Science, Technology, Engineering & Math (STEM) Endorsement



PUBLIC SERVICES



PROGRAM OF STUDY

Health Professions Academy

Students who enroll in the Health Professions Academy and successfully complete the two-year program of studies will automatically be accepted into San Antonio College's Nursing program to complete the remaining credits towards their Nursing degree.

<p>Health Professions Academy</p>	<p>An Alamo Colleges program - Students must apply and be accepted in the 11th & 12th grade program. http://www.alamoacademies.com/ 8253 Anatomy and Physiology DC (1.0) 11 (Year 1) 1319 English III DC (1.0) 12 (Year 2) 3256 Microbiology DC (1.0) 12 (Year 2) 8353 Health Science DC (2.0) 12 (Year 2)</p>
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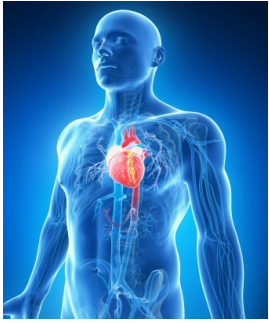
PROGRAM OF STUDY

EDUCATION *and* TRAINING

Do you enjoy teaching others? Are you patient? Are you comfortable with public speaking? Are you creative? Do you enjoy working with children or teenagers? Do you enjoy helping people learn new skills? Are you outgoing? If you answered yes to two or more of these questions, you may be a great candidate for a career in education and training.

<p>Education & Training</p>	<p>4 Credits At least 1.0 credit from the following courses: 8041 Principles of Education & Training (1.0) 9-12 (Recommended) 3016/6721 Principles of Human Services (1.0) 7-12 3036/6720 Principles of Human Services (0.5) 7-12 8026 Child Development (0.5) 9-12 8025 Dollars and Sense (0.5) 9-12 And complete the following courses: 8042 Instructional Practices in Education (1.0) 11-12 8043 Practicum in Education & Training (2.0) 12</p>
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Public Services Endorsement



PROGRAM OF STUDY HEALTH SCIENCE

Do you enjoy helping people feel better? Are you interested in medicine or dentistry? Do you enjoy school, especially science classes? Would you enjoy teaching people how to live a healthy lifestyle? Do you pay attention to small details? Do you have an excellent memory? Would you like working in a hospital or other medical facility? If your answer to two or more of these questions was yes, you might enjoy a career in health science.

Health Science

4 Credits

Must Complete:

3022/8340 Principles of Health Science (1.0) 8-12

At least 1.0 Credit from the following courses:

3247 Medical Terminology (0.5) 10-12 (Recommended)

8026 Child Development (0.5) 9-12

8029 Lifetime Nutrition and Wellness (0.5) 10-12

8025 Dollars and Sense (0.5) 9-12

5809 Professional Communications (0.5) 9-12

And complete at least 2.0 credits from these advanced courses:

8345 Counseling and Mental Health (1.0) 10-12

8344 Health Science (1.0) 11-12

8343 World Health Research (1.0) 11-12

8346 Practicum in Health Science (2.0) 12

3253 Anatomy and Physiology (1.0) 11-12

3251 Medical Microbiology (0.5) 11-12

3252 Pathophysiology (0.5) 11-12

8354 Emergency Medical Technician (EMT)-Basic (1.0) 12

8348 Practicum in HS – CNA Program (2.0) 12

8414 Forensic Science (1.0) 11-12

Public Services Endorsement



PROGRAM OF STUDY HUMAN SERVICES

Do you enjoy helping other people? Are you sympathetic to people in unfortunate situations? Do you like to help people feel better and look better? Would you enjoy teaching people to improve their lives? Do you believe it is important for consumers to be protected from fraud? Do you enjoy shopping and organizing parties? If you answered yes to two or more of the above questions, you might enjoy a career in the human services career cluster.

Human Services

4 Credits

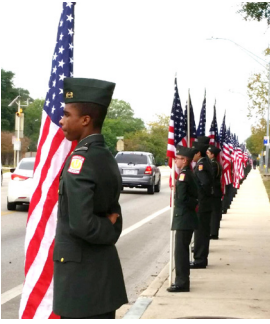
At least 1.0 credit from the following courses:

3016/6721 Principles of Human Services (1.0) 7-12
(Recommended) 3036/6720 Principles of Human Services (0.5) 7-12
3015 Principles of Hospitality (1.0) 7-8
3035 Principles of Hospitality (0.5) 7-8

And complete at least 3.0 credit from these course:

8025 Dollars & Sense (0.5) 9-12
8026 Child Development (0.5) 9-12
8029 Life Nutrition & Wellness (0.5) 10-12
8345 Counseling & Mental Health (1.0) 10-12
8027 Child Guidance (1.0) 10-12
6729 Practicum in Human Services (2.0) 12

Public Services Endorsement



PROGRAM OF STUDY JROTC

JROTC has evolved into a leadership and citizenship program devoted to uplifting American youth morally, physically and educationally. The study of leadership skills, ethics, citizenship, communications, science, technology, health, life skills and other subjects are designed to prepare young men and women to take their place in adult society. The core curriculum of knowledges and skills prepare young men and women to be better citizens and leaders in their post secondary education or in the work place.

JROTC	4 Credits
	7501 JROTC I (1.0) 9-12
	7502 JROTC II (1.0) 9-12
	7503 JROTC III (1.0) 9-12
	7504 JROTC IV (1.0) 9-12

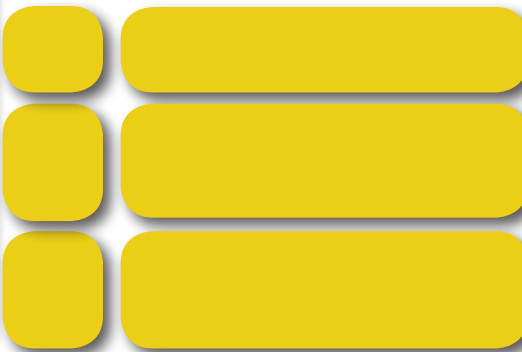


PROGRAM OF STUDY LAW & PUBLIC SAFETY

Do you want to be a firefighter or police officer? Do you respect the law and the rule of law? Do you like to help people? Do you think it would be exciting to work in a courtroom? Are you good at debating and winning arguments? Do you enjoy school? Are you detail-oriented and driven? Would you enjoy being responsible for other people's safety? If you answered yes to two or more of these questions, you might want to consider a career in law and public safety. This career cluster includes a number of professions that are vital to the success of our society and our way of life.

Law & Public Safety	4 Credits
	Must Complete:
	8410 Principles of Law, Public Safety, Corrections and Security (1.0) 9-12 8413 Law Enforcement I (1.0) 10-12
	And complete at least 2.0 credit from these advanced courses:
	8418 Law Enforcement II (1.0) 11-12
	8412 Court Systems & Practices (1.0) 10-12
	8414 Forensic Science (1.0) 11-12 8417 Practicum in Law (2.0) 12

Public Services Endorsement



BUSINESS & INDUSTRY



PROGRAM OF STUDY ACCOUNTING

Do you enjoy working with numbers? Are you good at math? Are you interested in the stock market? Do you want to help people secure their financial futures? Do you enjoy working in a fast-paced environment? Do you feel confident handling other people's money? If you answered yes to two or more of these questions, perhaps you should consider a career in the accounting. Jobs in the accounting career cluster involve providing services for financial and investment planning, banking, insurance, and business financial.

Accounting	<p>4 Credits Complete at least 1.0 credit from these course options: 8290 Principles of Business, Marketing, and Finance (1.0) 9-11 (Recommended) 3017/6687 Principles of Information Technology (1.0) 7-12 3037/6686 Principles of Information Technology (0.5) 7-12 8025 Dollars & Sense (0.5) 9-12 And complete at least 1.0 credit from these course options: 8291 Business Information Management I (1.0) 9-12 8300 Banking and Financial Systems (0.5) 9-12 8293 Money Matters (0.5) 9-12 8025 Dollars & Sense (0.5) 9-12 And must complete: 8301 Accounting I (1.0) 10-12 8302 Accounting II (1.0) 11-12</p>
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PROGRAM OF STUDY ADVANCED TECHNOLOGY & MANUFACTURING ACADEMY

This Alamo Colleges program gives students the opportunity to explore specific career paths and acquire unique skills in manufacturing productions operations and facilities maintenance.

Advanced Tech & Manufacturing Academy	<p>An Alamo Colleges program - Students must apply and be accepted into the 11th and 12th grade program. http://www.alamoacademies.com/ 8177 Manufacturing Technology I (3.0) 11 8178 Manufacturing Technology II (3.0) 12</p>
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Business and Industry Endorsement



PROGRAM OF STUDY AEROSPACE ACADEMY

This Alamo Colleges program gives students the opportunity to explore specific career paths and acquire unique skills in aerospace industry. After graduation, students will be prepared for aerospace industry jobs. They can continue training toward a FAA license or use their college credits toward further education at the college level.

Aerospace Academy	<p>An Alamo Colleges program - Students must apply and be accepted into the 11th and 12th grade program. http://www.alamoacademies.com/</p> <p>8103 Energy, Power and Transportation Systems (1.0) 11 8116 Aerospace Academy I (2.0) 11 8117 Aerospace Academy II (3.0) 12</p>
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North East ISD



AGRISCIENCE MAGNET PROGRAM

JAMES MADISON FFA

PROGRAM OF STUDY AGRISCIENCE

(Madison High School Only)

The Agriscience Magnet Program (AMP) is a unique experience within the North East ISD, which offers rigorous courses that are relevant to the student's future and connected to the real world. Our students have numerous facilities in which they are able to access state-of-the-art equipment that helps them solve complex problems and prepare them for the future.

Agriscience	<p>4 Credits</p> <p>Complete 1.0 Credit of:</p> <p>3023/8261 Principles of Agriculture, Food, and Natural Resources (1.0) 8-12</p> <p>Complete at least 1.0 to 2.0 credits of these courses:</p> <p>8025 Dollars and Sense (0.5) 9-12 5809 Professional Communications (0.5) 9-12 8262 Food Technology and Safety (1.0) 10-12 8263 Wildlife, Fisheries and Ecology Management (1.0) 10-12 8264 Small Animal Management (1.0) 10-12 8265 Livestock Production (1.0) 10-12 8266 Equine Science (0.5) 10-12 8268 Food Processing (1.0) 11-12 8275 Horticulture Science (1.0) 10-12 8276 Landscape Design and Turf grass Management (1.0) 10-12 8279 Professional Standards in Agribusiness (0.5) 10-12 8280 Agribusiness Management and Marketing (1.0) 10-12 8283 Agriculture Mechanics and Metal (1.0) 10-12</p>
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Business and Industry Endorsement

Agriscience

Complete at least one of these advanced courses:
8267 Veterinary Medical Applications (1.0) 11-12
8269 Advanced Animal Science (1.0) 11-12
8277 Advanced Plant and Soil Science (1.0) 11-12
8278 Principles and Elements of Floral Design (1.0) 10-12
8281 Mathematical Applications in AFNR (1.0) 9-11
8282 Agricultural Facilities Design (1.0) 11-12
8284 Agricultural Power Systems (2.0) 11-12
8286 Advanced Environmental Technology (1.0) 11-12
8287 Practicum in Agriculture (2.0) 11-12
(See magnet program director for more information)



PROGRAM OF STUDY ANIMATION

Are you interested in working in television, film? Does computer graphics or computer animation interest you? Do you like to work with technology? Are you visually oriented? Is artistic expression important to you? Are you tenacious? If you answered yes to two or more of the questions above, you're probably cut out for a career in animation. An animator produces multiple images called frames, which when sequenced rapidly together create an illusion of movement known as animation. The images can be made up of digital or hand-drawn pictures, models or puppets.

Animation

4 Credits
Complete at least 1.0 credit from these course options:
3020/6656 Principles of Arts, A/V, and Communications (1.0) 7-12 (Recommended)
3040 Principles of Arts, A/V, and Communications (0.5) 7-8
8025 Dollars and Sense (0.5) 9-12
5809 Professional Communications (0.5) 9-12
3017/6687 Principles of Information Technology (1.0) 7-12
3037/6686 Principles of Information Technology (0.5) 7-12
6701 Video Game Design (0.5) 9-12
6700 Video Game Design (1.0) 9-12
And must complete:
6711 Animation (1.0) 10-12
6712 Advanced Animation (2.0) 11-12




PROGRAM OF STUDY ARCHITECTURAL DESIGN

Are you good at making designs or models? Can you visualize projects in your mind? Do you enjoy beautiful and historic buildings? Are you good with plans and blueprints? Do you enjoy

buying and arranging furniture? Are you good with your hands? Would you enjoy designing a park or garden? If you answered yes to two or more of the questions above, you'll probably enjoy exploring a career related to architectural design.

<p>Architectural Design</p>	<p>4 Credits Complete at least 1.0 credit from these course options: 6647 Principles of Architecture and Construction (1.0) 9-12 (Recommended) 6648 Principles of Architecture and Construction (0.5) 9-12 8025 Dollars and Sense (0.5) 9-12 5809 Professional Communications (0.5) 9-12 And must complete: 8245 Architectural Design (1.0) 10-12 8246 Advanced Architectural Design (2.0) 11-12</p>
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PROGRAM OF STUDY AUTOMOTIVE TECHNOLOGY

Do you like cars and want to be a part of the ever-changing automotive world, why not pursue a career that you will enjoy? The Automotive Technology Academy is a state-of-the-art facility where students are challenged to become life long learners in the auto industry. Any NEISD high school students interested in learning this curriculum will attend our facility for this two period course. Your admittance into the program is by process of application submittal which gets reviewed and followed by an interview with an instructor.

<p>Automotive Technology</p>	<p>4 Credits (Starts in 10th grade) 8112 Automotive Technology (2.0) 10-12 8113 Advance Automotive Technology (2.0) 11-12 8114 Practicum in Transportation (2.0) 12 (Optional 10-15 hour Internship) 8115 Practicum in Transportation (3.0) 12 (Optional 10-15 hour Internship) (See mat program director for more information.)</p>
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PROGRAM OF STUDY BROADCAST JOURNALISM

The Broadcast Journalism Program of Study an interactive approach to learning that will give students the opportunity to immerse themselves in the challenging complexities of the communication field. Students will learn the latest techniques as they discover the world of broadcast journalism.

Broadcast Journalism

4 Credits

1705 Broadcast Journalism I (1.0) 9-12
1706 Broadcast Journalism II (1.0) 9-12
1707 Broadcast Journalism III (1.0) 9-12

And complete at least 1.0 credit from these course options:

Any one of the 3 first level courses from Debate, Public Speaking, Advanced Digital Journalism, Advanced Journalism Yearbook Production; 5828 Independent Studies in Speech (11-12, 1.0); 5815 Oral Interpretation I (9-12, 1.0); 1703 Journalism (9-12, 1.0); 1704 Independent Study in Journalism (9-12, 1.0); 1720 Photojournalism (9-12, 1.0)



PROGRAM OF STUDY BUSINESS ADMINISTRATION

Are you good at working with other people? Are you a natural leader? Are you entrepreneurial? Do you have a talent for organizing and planning? If so, business may be a good choice for you. This program of study includes a wide variety of occupations. Jobs in the business management and administration career cluster involve planning, organizing, directing, performing, and evaluating business functions essential to effective business operations. Workers in these fields use technology and communication skills to help a company operate efficiently.

Business Administration

4 Credits

Complete 1.0 credit:

8290 Principles of Business, Marketing, and Finance (1.0) 9-11 (Recommended)

And Complete at least 3.0 credits from these course options:

5809 Professional Communications (0.5) 9-12

8025 Dollars and Sense (0.5) 9-12

8296 Global Business (0.5) 10-12

8288 Virtual Business (0.5) 10-12

8298 Business Law (0.5) 11-12

3017/6687 Principles of Information Technology (1.0) 7-12

3037/6686 Principles of Information Technology (0.5) 7-12

8291 Business Information Management I (1.0) 9-12 (Recommended)

8292 Business Information Management II (1.0) 10-12

8294 Business Management (1.0) 10-12



PROGRAM OF STUDY CONSTRUCTION

Are you good at making designs or models? Can you visualize projects in your mind? Do you enjoy beautiful and historic buildings? Are you good with plans and blueprints? Are you good with your hands? Would you enjoy designing a park or garden? If you answered yes to two or

Business and Industry Endorsement

more of the questions above, you'll probably enjoy exploring careers related to construction management. Jobs in the architecture and construction career cluster involve designing, planning, managing, building, and maintaining the built environment.

Construction	<p>4 Credits Complete at least 1.0 credit from these course options: 6647 Principles of Architecture and Construction (1.0) 9-12 (Recommended) 6648 Principles of Architecture and Construction (0.5) 9-12 5809 Professional Communications (0.5) 9-12 8025 Dollars and Sense (0.5) 9-12 And must complete: 8239 Construction Management (1.0) 10-12 8236 Mill and Cabinet Making (2.0) 10-12</p>
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PROGRAM OF STUDY CULINARY ARTS

Do you enjoy creating? Do you enjoy dining in restaurants? Do you like to cook? Do you want to help other people enjoy themselves? Are you friendly and outgoing? Would you like to work in a hotel, on a cruise ship, or in a restaurant? If you answered yes to two or more of these questions, you might be cut out for a career in culinary arts.


Culinary Arts	<p>4 Credits 8063 Culinary Arts (2.0) 10-12 (Recommended) 8021 Practicum in Culinary Arts (2.0) 11-12 3015 Principles of Hospitality (1.0) 7-8 (Middle School) 3035 Principles of Hospitality(0.5) 7-8 (Middle School) 5809 Professional Communications (0.5) 9-12 8009 Restaurant Management (1.0) 10-12 8019 Restaurant Management (0.5) 10-12 8025 Dollars and Sense (0.5) 9-12 8028 Food Science (1.0) 11-12</p>
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PROGRAM OF STUDY DEBATE

The NEISD Speech & Debate programs involve individual and group performances in classroom and competitive settings. The programs' content standards focus on presentation skills, analytical thinking and communication theory.

Debate	Must Complete: 5820 Debate/Public Speaking I (2.0) 9-12 5825 Debate/Public Speaking II (2.0) 10-12 5827 Debate/Public Speaking III (2.0) 11-12
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PROGRAM OF STUDY

ELECTRICAL SYSTEMS

(MacArthur High School Only)

The Electrical Apprenticeship Program provides the secondary student with exploration and preparation into the electrical field. Courses are designed to provide the student with basic understanding of electricity and how to size and install electrical wiring, switches and plugs according to the National Electrical Code.

Electrical Systems	4 Credits 5809 Professional Communications (0.5) 9-12 8025 Dollars and Sense (0.5) 9-12 6647 Principles of Architecture and Construction. (1.0) 9-12 8154 Electrical Technology (1.0) 10-12 8155 Advanced Electrical Technology (2.0) 11-12 8156 Practicum in Electrical (3.0) 11-12 8248 Practicum in Construction Mgmt. (2.0) 12 (Optional Internship) (See magnet program director for more information.)
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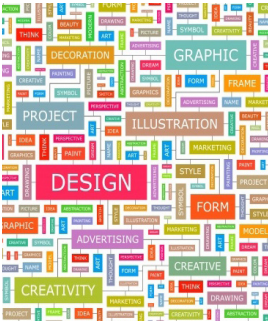
PROGRAM OF STUDY

Fashion Design

Are you interested in working in television, film, or radio? Do you like to perform or interpret music? Does computer graphics or computer animation interest you? Do you like to work with technology? Do you have a talent for writing? Are you visually oriented? Does the fashion industry intrigue you? Is artistic expression important to you? Do you enjoy the limelight? Are you tenacious? If you answered yes to two or more of the questions above, you're probably cut out for a career in fashion design.

Fashion Design	4 Credits 3016/6721 Principles of Human Services (1.0) 7-12 (Recommended) 3036/6720 Principles of Human Services (0.5) 7-12 3020/6656 Principles of Arts, A/V, and Communications (1.0) 7-12 5809 Professional Communications (0.5) 9-12 8025 Dollars and Sense (0.5) 9-12 8015 Fashion Design (1.0) 10-12 8016 Advanced Fashion Design (2.0) 11-12
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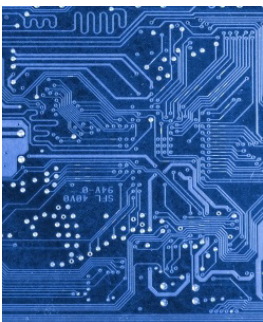
Business and Industry Endorsement



PROGRAM OF STUDY GRAPHIC DESIGN

Think of any product or website that catches your eye. You might be interested in the text, but you wouldn't have even noticed it without the expertise of the graphic designer who worked to get the font, colors, and overall look just right. Keep in mind that graphic design is about more than just artistic ability. It takes communication skills to understand what clients want and to manage their expectations about what you can offer (and how long it'll take to accomplish it). Time management is also an essential skill—especially if you work as a freelancer.

Graphic Design	<p>4 Credits Complete at least 1.0 credit: 3020/6656 Principles of Arts, A/V, and Communications (1.0) 7-12 (Recommended) 3040 Principles of Arts, A/V, and Communications (0.5) 7-8 5809 Professional Communications (0.5) 9-12 8025 Dollars and Sense (0.5) 9-12 3017/6687 Principles of Information Technology (1.0) 7-12 3037/6686 Principles of Information Technology (0.5) 7-12 6701 Video Game Design (0.5) 10-12 6700 Video Game Design (1.0) 10-12 And must complete: 6730 Graphic Design (1.0) 9-12 6740 Advance Graphic Design (2.0) 10-12</p>
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PROGRAM OF STUDY Information Technology

Do you enjoy working with computers? Are you fascinated by technology? Are you a logical and mathematical learner? Are you the person people rely on to set up or use computer hardware and software? Have you ever created your own computer program or video game? Are you organized and detail-oriented? Do you learn new computer programs easily? Do you adapt well to change? If you answered yes to two or more of these questions, you might enjoy a career in information technology. This is a fast-paced and quickly changing industry.

Information Technology	<p>4 Credits Complete 1.0 credit: 3017/6687 Principles of Information Technology (1.0) 7-12 (Recommended) 3037/6686 Principles of Information Technology (0.5) 7-12 5809 Professional Communications (0.5) 9-12 8025 Dollars and Sense (0.5) 9-12</p>
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Business and Industry Endorsement

<p>Information Technology</p>	<p>And complete at least 2.0 credits from these course options: 8297 Digital and Interactive Media (1.0) 10-12 6701 Video Game Design (0.5) 9-12 6700 Video Game Design (1.0) 9-12 6699 Internetwork Technology I (1.0) 9-12 6631 Computer Programming (1.0) 9-12 And complete at least 1.0 credit from these advanced courses: 6703 Graphic Info Systems (GIS) (1.0) 9-12 6705 Internetwork Technology II (1.0) 10-12 6632 Advance Computer Programming (1.0) 11-12 6707 Spatial Tech and Remote Sensing (1.0) 9-12 6643 Web Technologies (1.0) 10-12</p>
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PROGRAM OF STUDY

INFORMATION Technology Security Academy

This Alamo Colleges program gives students the opportunity to receive technical training in preventative maintenance, installation, networking, security, troubleshooting, and basic programming. The IT industry has a significant presence in the San Antonio economy.

<p>Information Technology Security Academy</p>	<p>An Alamo Colleges program - Students must apply and be accepted in the 11th and 12th grade program. http://www.alamoacademies.com/ 6702 Information Technology Applications I (3.0) 11 6704 Information Technology Applications II (3.0) 12</p>
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PROGRAM OF STUDY

INTERIOR DESIGN

Are you good at making designs or models? Can you visualize projects in your mind? Do you enjoy beautiful and historic buildings? Are you good with plans and blueprints? Do you enjoy buying and arranging furniture? Are you good with your hands? Would you enjoy designing a park or garden? If you answered yes to two or more of the questions above, you'll probably enjoy exploring a career related to interior design.

Business and Industry Endorsement

<p>Interior Design</p>	<p>4 Credits</p> <p>Complete at least 2.0 credits from these course options: 3016/6721 Principles of Human Services (1.0) 7-12 (Recommended) 3036/6720 Principles of Human Services (0.5) 7-12 6647 Principles of Architecture and Construction (1.0) 9-12 6648 Principles of Architecture and Construction (0.5) 9-12 5809 Professional Communications (0.5) 9-12 8025 Dollars and Sense (0.5) 9-12</p> <p>And must complete these course options: 8044 Interior Design (1.0) 10-12 8045 Advanced Interior Design (1.0) 11-12</p>
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PROGRAM OF STUDY JOURNALISM NEWSPAPER

Working in editorial positions, students get practical experience in producing the school newspaper. Emphasis is on advanced writing skills, preparing copy on the computer, page design and formatting techniques.

<p>Journalism Newspaper</p>	<p>4 credits</p> <p>1743 Advance Digital Journalism I (1.0) 9-12 1744 Advance Digital Journalism II (1.0) 9-12 1745 Advance Digital Journalism III (1.0) 9-12</p> <p>And complete at least 1.0 credit from these course options: Any one of the 3 first level courses from Debate, Advanced Journalism Yearbook Production; 5828 Independent Studies in Speech (11-12, 1.0); 5815 Oral Interpretation I (9-12, 1.0); 1703 Journalism I (9-12, 1.0); 1704 Independent Study in Journalism (9-12, 1.0); 1720 Photojournalism (9-12, 1.0)</p>
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PROGRAM OF STUDY MARKETING

Do you love shopping? Is the mall your favorite place to hang out? Can you see yourself as a salesperson? Would you like to run your own business? Would you enjoy creating advertisements or public relations campaigns? Are you friendly and outgoing? If you answered yes to at least two of these questions, you might enjoy a career in Marketing. Jobs in the marketing sales and service career cluster involve planning, managing, and performing wholesaling and retailing services and related marketing and distribution support services including merchandise/ product management and promotion.

Marketing	<p>4 Credits</p> <p>8290 Principles of Business, Marketing, and Finance (1.0) 9-11 (Recommended)</p> <p>3017/6687 Principles of Information Technology (1.0) 7-12</p> <p>3037/6686 Principles of Information Technology (0.5) 7-12</p> <p>8306 Advertising and Sales Promotions (0.5) 9-12</p> <p>8304 Sports and Entertainment Marketing (0.5) 9-12</p> <p>8318 Entrepreneurship (0.5) 11-12</p> <p>8014 Fashion Marketing (0.5) 9-12</p> <p>8025 Dollars and Sense (0.5) 9-12</p> <p>5809 Professional Communications (0.5) 9-12</p> <p>And must complete one of these advanced courses:</p> <p>8307 Marketing Dynamics (2.0) 11-12 (Classroom Based)</p> <p>8317 Marketing Dynamics Coop (3.0) 11-12 (Internships – Paid/Unpaid)</p>
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PROGRAM OF STUDY ORAL INTERPRETATION

This course is designed for the student who wishes to enjoy literature by making it come alive through performance. Short selections of prose, poetry and drama will be developed for performance as the instructor works with each student on voice and body action.

Oral Interpretation	<p>Must complete:</p> <p>5810 Oral Interpretation/Public Speaking I (2.0) 9-12</p> <p>5815 Oral Interpretation/Public Speaking II (2.0) 10-12</p> <p>5816 Oral Interpretation/Public Speaking III (2.0) 11-12</p>
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PROGRAM OF STUDY TECHNOLOGY APPLICATIONS

Through the study of technology applications foundations, students learn to make informed decisions and develop and produce original work that exemplifies the standards identified by a select profession or discipline, and publish the product in electronic media and print. From 3-D modeling & animation to mobile application development, students will be prepared to take on the latest careers in technology and beyond.

<p>Oral Interpretation</p>	<p>4 Credits 3000/3030 Digital Communications for the 21st Century (1.0) 7-12 3013/3031 Web Design (1.0) 9-12 3036 3-D Modeling and Animation (1.0) 9-12 3024 Digital Design and Media Production (1.0) 8 (Middle School) 6706 Digital Art and Animation (1.0) 11-12 3034 Independent Study in Evolving Technologies (1.0) 9-12 6710 Web Game Development (1.0) 11-12</p>
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PROGRAM OF STUDY VIDEO PRODUCTIONS

Are you interested in working in television, film, or radio? Do you like to perform or interpret music? Does computer graphics or computer animation interest you? Do you like to work with technology? Do you have a talent for writing? Are you visually oriented? Is artistic expression important to you? Do you enjoy the limelight? Are you tenacious? If you answered yes to two or more of the questions above, you're probably cut out for a career in video production.

<p>Video Productions</p>	<p>4 Credits Complete at least 1.0 credit: 3020/6656 Principles of Arts, A/V, and Communications (1.0) 7-12 (Recommended) 3040 Principles of Arts, A/V, and Communications (0.5) 7-8 (Middle School) 8025 Dollars and Sense (0.5) 9-12 5809 Professional Communications (0.5) 9-12 3017/6687 Principles of Information Technology (1.0) 7-12 3037/6686 Principles of Information Technology (0.5) 7-12 6701 Video Game Design (0.5) 9-12 6700 Video Game Design (1.0) 9-12 And must complete: 6731 Audio/Video Production. (1.0) 9-12 6733 Advanced Audio/Video Production (2.0) 10-12</p>
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PROGRAM OF STUDY WELDING

Do you enjoy creating or designing things? Are you good at visualizing concepts and ideas? Do you have good manual dexterity? Do you enjoy learning about and using new technology? If you answered yes to two or more of these questions, perhaps you would be a good candidate for a job in welding. Jobs in the manufacturing career cluster involve planning, managing, and performing the processing of materials into intermediate or final products and related professional and technical support activities, such as production planning and control, maintenance, and manufacturing/process engineering.

Business and Industry Endorsement

Welding	<p>4 Credits</p> <p>At least 1.0 Credit from the following courses:</p> <p>8261 Principles of Agriculture, Food, and Natural Resources (1.0) 9-12 (Recommended)</p> <p>3021/6629 Principles of Manufacturing (1.0) 7-12</p> <p>3041 Principles of Manufacturing (0.5) 7-8</p> <p>6647 Principles of Architecture and Construction (1.0) 9-12</p> <p>6648 Principles of Architecture and Construction (0.5) 9-12</p> <p>5809 Professional Communications (0.5) 9-12</p> <p>8025 Dollars and Sense (0.5) 9-12</p> <p>And Complete</p> <p>8169 Welding I (1.0 credits) 10-12</p> <p>8175 Advanced Welding (2.0) 11-12</p>
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PROGRAM OF STUDY YEARBOOK

Students will gain laboratory experience in magazine production as they produce the yearbook. Experience includes writing copy, computer copy preparation, page layout and design skills, photo-cropping and editing. This type of project promotes positive student and staff collaboration, and it also gives students valuable experience in journalism, photography and publishing. Many schools enter their school yearbook into annual competitions.

Yearbook	<p>4 Credits</p> <p>1746 Advanced Journalism I - Yearbook (1.0) 9-12</p> <p>1744 Advanced Journalism II - Yearbook (1.0) 9-12</p> <p>1745 Advanced Journalism III - Yearbook (1.0) 9-12</p> <p>And complete at least 1.0 credit from these course options:</p> <p>Any one of the 3 first level courses from Debate, Advanced Digital Journalism; 5828 Independent Studies in Speech (11-12, 1.0); 5815 Oral Interpretation I (9-12, 1.0); 1703 Journalism I (9-12, 1.0); 1704 Independent Study in Journalism (9-12, 1.0); 1720 Photo-journalism (9-12, 1.0)</p>
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NEISD Executive Staff

Dr. Brian G. Gottardy

Superintendent of Schools

Ron D. Clary

Associate Superintendent for Operations

Dr. Pauline Dow

*Associate Superintendent for Instruction &
Technology Services/CIO*

Dr. Donna Newman

*Associate Superintendent for Campus
Administration & Human Resources*

Dan Villarreal, CPA

Associate Superintendent for Business Services/CFO

Aubrey Chancellor

Executive Director of Communications

