## Arts & Humanities Career Options

### Arts and Humanities

**Programs of Study:** Focuses on careers in arts and humanities

- **Endorsement:** Arts and Humanities Endorsement

### Political Science

**Career Options**

**On-the-job training/certificates:**
- Activist, advocate, online political data entry clerk, legislative office clerk.

**Associate’s Degree:**
- Paralegal, free-lance writer, campaign worker, political commentator, pollster, web content editor.

**Bachelor’s Degree:**
- Political scientist, tax examiner, revenue agent or collector, urban or regional planner, government teacher, public administration, international relations, archivist, budget examiner/analyst, city planner, career counselor, journalist, policy analyst, mediator, management analyst, legislative analyst/coordinator, labor relations specialist, juvenile justice specialist, immigration officer, international agent, immigration officer, international agency officer, international research specialist, public affairs research analyst, public opinion analyst, congressional office staffer, corporate analyst, corporate public affairs advisor.

**Graduate Degree:**
- Publisher, university administrator, university professor, urban policy planner, banking analyst/executive, CIA analyst/agent, city housing administrator, communications director, corporate economist, corporate manager.

### World Languages

**Career Options**

**On-the-job training/certificates:**
- Flight attendant, travel agent, tour guide, proofreader, Peace Corps volunteer, missionary, hotel employee, customer services representative, foreign film dubber.

**Associate’s Degree:**
- Translator, interpreter, bilingual publishing assistant, child and family specialist, auto claims representative, buyer, child and family specialist, children’s activities coordinator, communications specialist, community affairs specialist, correctional officer, court interpreter, customs/import officer, foreign language tutor, global sales communications specialist, human resources coordinator, public assistant.

**Bachelor’s Degree:**
- Language teacher, linguist, consultant, editor, foreign exchange trader, bilingual counselor, archivist, business development analyst, cultural officer, embassy personnel, family advocate, student advisor, foreign trade analyst, hotel manager, import/export representative, international adoption coordinator, international conference planner, marketing director, news reporter, public opinion analyst, researcher.

**Graduate Degree:**
- Psycholinguist, neurolinguist, sociolinguist, historical linguist, anthropological linguist, diplomat, professor, international banking officer.

### Cultural Studies

**Career Options**

**On-the-job training/certificates:**
- Customer service representative, tour guide.

**Associate’s Degree:**
- Cultural tour guide, junior linguist, travel writer, buyer, real estate agent, sales/service agent, insurance agent, human resources specialist, meeting and convention planner, public relations specialist, technical writer, environmental scientist, environmental policy coordinator, legal assistant, legislative assistant, political party staff, lobbying organizer, volunteer coordinator.

**Bachelor’s Degree:**
- Categorization analyst, corporate travel manager, cultural advisor, ESL teacher, export manager, FBI linguist, foreign language teacher, foreign rights manager, foreign service officer, import/export assistant, interpreter, lexicographer, NCI language officer, open source officer, advertising/promotions manager, international/financial auditor, loan officer, management consultant analyst, retail manager, corporate recruiter, residence life coordinator, environmental science technologist, green marketing analyst, legislative analyst, social service caseworker.

**Graduate Degree:**
- Professor, publisher, librarian, cultural anthropologist, college dean.

### English Literature

**Career Options**

**On-the-job training/certificates:**
- Web writer, advertising copywriter, proofreader, freelance writer, newscaster, playwright, actor/ess, stage director.

**Associate’s Degree:**
- Website writer, advertising copywriter, proofreader, freelance writer, newscaster, playwright, actor/ess, stage director.

**Bachelor’s Degree:**
- Educational publishing editor, publishing publicist, literary agent, teacher, archaeologist, art historian, classics research consultant, museum curator, social worker, archivist, literary analyst, literary critic, magazine editor, foreign service officer, consultant, advertising account executive, information officer, lexicographer, marketing executive, public relations officer.

**Graduate Degree:**
- Professor, publisher, librarian, cultural anthropologist, college dean.

### History

**Career Options**

**On-the-job training/certificates:**
- Museum staff, museum technician, runner for broadcast, film, or video production.

**Associate’s Degree:**
- Foundation assistant, legislative staff assistant, writer, research assistant, park interpreter, paralegal, litigation support staff.

**Bachelor’s Degree:**
- History, legislative staff, elementary school teacher, secondary school teacher, cultural resource manager, historical preservation, journalist, documentary editor, literary critic, magazine editor, foreign service officer, consultant, advertising account executive, information officer, lexicographer, marketing executive, public relations officer.

**Graduate Degree:**
- Professor, librarian, lawyer, foundation director, corporate historian, museum director.

### Fine Arts

**Career Options**

**On-the-job training/certificates:**
- Musician, musical instrument repairer and tuner, singer, composer, artist, picture framer, potter, art auction house staff, art studio assistant, retail/catering assistant, cruise ship entertainer, theme park entertainer, receptionist and clerk for dance organization.

**Associate’s Degree:**
- Recording engineer, sound technician, critic, private instructor, marketing, sales, and advertising staff, craft artist, painter, sculptor, Illustrator, cartoonist, sketch artist, printmaker, painting restorer, costume designer, set designer, make-up artist, singer, soloist, disc jockey, music/audio technician.

**Bachelor’s Degree:**
- Art/music therapist, art/music teacher/Instructor, art dealer, art director, conservator, curator, art appraiser, art broker/dealer, fine art restorer, photographer, graphic artist/designer, commercial artist, arts officers/consultants, web designer, visual artist, art director, multimedia artist/ animator, medical/scientific illustrator, professional dancer, choreographer, artistic director for dance company, fitness/recreation director, dance therapist, orchestra musician, studio musician, concert instrumental soloist.

**Graduate Degree:**
- Professor, conductor, music business attorney, publisher, artist manager.

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This plan of study serves as a guide, along with other career planning materials, for pursuing a career path. This is not an all-encompassing list of careers, but rather a starting point to begin discussions with a student. Depending on student interest and teacher certification, NBISD may not offer all courses and certifications.

Source: NBISD, Achieve Texas, Career Cruising

Additional source for occupations can be found in the Occupational Outlook Handbook, published by the Bureau of Labor Statistics: www.bls.gov/ooh

Includes courses directly related to: political science, world languages, cultural studies, English literature, history, and fine arts.
Endorsement: Business and Industry

Includes courses directly related to: database management, information technology, communications, accounting, finance, marketing, graphic design, welding, logistics, automotive technology, and agricultural science. Career & Technology Education clusters offered at NBISD: Agriculture, Food, and Natural Resources; Arts, Audio/Visual Technology and Communications; Business Management and Administration; Finance; Information Technology; Manufacturing (CTTC); Marketing, and Transportation, Distribution, and Logistics.

Programs of Study: Focuses on careers in the planning, implementation, production, management, processing, and/or marketing of agricultural commodities and services.

Agriculture, Food, and Natural Resources


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Source: NBISD, Achieve Texas, Career Cruising
Programs of Study: Focuses on designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.

Arts, Audio/Visual Technology and Communications

Additional source for occupations can be found in the Occupational Outlook Handbook, published by the Bureau of Labor Statistics: www.bls.gov/ooh

Audio, Video Technology and Film

Career Options


Associate's Degree: Audio/video engineer, broadcast technician, camera operator, radio/TV announcer, technical director.

Bachelor's Degree: Audio/video events coordinator, film/radio/TV director, producer, program director, station manager/owner.

Graduate Degree: Broadcast news analyst, instructor, professor.

Journalism and Broadcasting

Career Options

On-the-job training/certificates: Apprentice, broadcast appren- tice.

Associate's Degree: Broadcast technician, radio and television announcer, reporter, camera operator, tech director.

Bachelor's Degree: Producer, program director, station manager/owner.

Graduate Degree: Broadcast news analyst, professor.

Performing Arts

Career Options

On-the-job training/certificates: Actor, composer, costume de- signer, make-up artist, scenic artist, cinematographer/techni- cian, usher, lobby attendant.

Associate's Degree: Broadcast technician, film/video editor tech- nician, lighting technician, set designer/builder, sound engineering technician.

Bachelor's Degree: Editor, public relations director, writer/author.

Graduate Degree: Director, play/script writer, screen editor.

Printing Technology

Career Options

On-the-job training/certificates: Advertising design assistant, bindery worker assistant, courier, desktop publisher assistant, graphic design assistant, press operator, bindery worker, press operator.

Associate's Degree: Art/creative director, desktop publisher, graphic designer.

Bachelor's Degree: Job estimator, manager, marketer/business developer.

Graduate Degree: Instructor/professor, shop owner/executive.

Visual Arts

Career Options

On-the-job training/certificates: Assistant to designer, craft store sales clerk, cutting assistant, fabric salesperson, merchandise dis- player, paint salesperson, retail clothing sales associate, wallpaper salesperson, ceramicist, commercial artist, fine artist, graphic design assistant, photog- rapher, photographic retoucher/restorer, photographic technician, printer, scenic artist apprentice, textile designer, associate.

Associate's Degree: Assistant technical designer, merchandise displ. ayer, visual merchandiser, desktop publisher, photographer.

Bachelor's Degree: Chief de- signer, department head de- signer, illustrator, pattern designer, sketch artist, art director, art gallery man- ager, graphic designer, multimedia artist/animator.

Graduate Degree: Costume de- signer, design instructor/profes- sor, graphic designer, high-fashion designer, magazine editor, curator.

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Source: NBISD, Achieve Texas, Career Cruising
Programs of Study: Careers encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Includes courses directly related to: database management, information technology, communications, accounting, finance, marketing, graphic design, welding, logistics, automotive technology, and agricultural science. Career & Technology Education clusters offered at NBISD: Agriculture, Food, and Natural Resources; Arts, Audio/Visual Technology and Communications; Business Management and Administration; Finance; Information Technology; Manufacturing (CTTC); Marketing, and Transportation, Distribution, and Logistics.

Business Management and Administration

Additional source for occupations can be found in the Occupational Outlook Handbook, published by the Bureau of Labor Statistics: www.bls.gov/ooh

Administrative and Information Support

Career Options

Business Analysis

Career Options

Business Financial Mgmt & Accounting

Career Options

Human Resources

Career Options

Management

Career Options

Marketing

Career Options

On-the-job training/certificates:
- Administrative assistant, billing, cost and rate clerk, dispatcher, information assistant, receptionist, records processor, shipping and receiving clerk, medical coder, claims assistant, human resource assistant.
- Associate's Degree: Clerical or records supervisor, facilities manager, customer service representative.
- Bachelor's Degree: Business representative, executive assistant, management analyst, virtual office administrator.
- Graduate Degree: Public administrator, office manager.

On-the-job training/certificates:
- Reporting specialist assistant, investment lobby greeter, customer service representative, administrative assistant, database associate, JAVA programmer, virtual office assistant.
- Associate's Degree: Quality inspector, applications analyst, market data specialist, program integration specialist, documentation analyst.
- Bachelor's Degree: Budget analyst, business analyst, cost analyst, market risk manager, corporate reporting analyst.
- Graduate Degree: Management analyst, systems analyst, export compliance analyst.

On-the-job training/certificates:
- Assistant bookkeeper, accounts payable assistant, assistant billing clerk, cashier, accounting clerk, programmer, office assistant database associate.
- Associate's Degree: Adjuster, billing supervisor, accountant, mortgage lender.
- Bachelor's Degree: Financial accountant, auditor, credit analyst, collections supervisor, cost controller.
- Graduate Degree: Financial analyst, chief financial officer, finance director, corporate controller, treasury analyst.

On-the-job training/certificates:
- Human resource clerk, human resource assistant/receptionist, records clerk, office aide, data entry clerk, web assistant, Adobe expert, editing assistant.
- Associate's Degree: Personnel recruiter, training clerk, HR information specialist, applicant records coordinator.
- Bachelor's Degree: Human resource manager, payroll and benefits analyst, EEO specialist, OSHA/ADA compliance officer, compensation coordinator.
- Graduate Degree: Training specialist, organizational psychologist, human resource information systems manager, operations manager.

On-the-job training/certificates:
- Business assistant, management trainee, reservations agent, administrative aide, help desk clerk.
- Associate's Degree: Front office operator, travel agent, management assistant, financial analyst, HR specialist, data entry clerk, web designer, Adobe expert, webmaster.
- Bachelor's Degree: Business representative, field sales representative, price verification checker, retail associate, telephone marketer, Adobe expert, customer representative, sales specialist.
- Associate's Degree: Assistant store manager, assistant buyer, inside sales contact, customer service supervisor, produce representative.
- Bachelor's Degree: Marketing manager sales engineer, national account representative, field service representative, pharmaceutical representative.
- Graduate Degree: Company executive, management specialist, government administrator, industrial negotiator, business professor.

On-the-job training/certificates:
- Advertising agent, customer care representative, delivery/display representative, price verification checker, retail associate, telephone marketer, Adobe expert, customer representative, sales specialist.

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Programs of Study: Focuses on careers in the planning, implementation, production, management, processing, and/or marketing of agricultural commodities and services. Additional source for occupations can be found in the Occupational Outlook Handbook, published by the Bureau of Labor Statistics: www.bls.gov/ooh

Finance

Endorsement: Business and Industry

Includes courses directly related to: database management, information technology, communications, accounting, finance, marketing, graphic design, welding, logistics, automotive technology, and agricultural science. Career & Technology Education clusters offered at NBISD: Agriculture, Food, and Natural Resources; Arts, Audio/Visual Technology and Communications; Business Management and Administration; Finance; Information Technology; Manufacturing (CTTC); Marketing, and Transportation, Distribution, and Logistics.

Banking and Related Services
Career Options
On-the-job training/certificates:
Accounting clerk, mortgage clerk or realtor assistant, member services representative teller, database associate, JAVA programmer, bookkeeping clerk, information clerk/receptionist.

Associate's Degree: Title examiner, loan officer, repossession agent, margin clerk, loan servicing specialist.

Bachelor's Degree: Internal auditor, cost estimator, credit analyst, budget officer, commercial collection officer.

Graduate Degree: Corporate lawyer, risk and profit analyst, bank examiner, finance compliance officer, securities compliance agent.

Business Financial Management
Career Options
On-the-job training/certificates:
Call center representative, customer service representative, real estate or mortgage assistant, bookkeeper, network technician, IT support.

Associate's Degree: Tax technician, legal assistant, database manager, account examiner trainee, executive assistant.

Bachelor's Degree: Accountant, financial analyst, portfolio credit analyst, commercial collector, trust officer.

Graduate Degree: Controller, chief revenue agent, risk analyst, international tax assessor, foreign exchange dealer.

Financial and Investment Planning
Career Options
On-the-job training/certificates:
Assistant bookkeeper, accounts payable assistant, assistant billing clerk, cashier, accounting clerk, programmer, office assistant, database associate.

Associate's Degree: Adjuster, billing supervisor, accountant, mortgage lender.

Bachelor's Degree: Financial accountant, auditor, credit analyst, collections supervisor, cost controller.

Graduate Degree: Financial analyst, chief financial officer, finance director, corporate controller, treasury analyst.

Insurance Services
Career Options
On-the-job training/certificates:
Human resource clerk, human resource assistant receptionist, records clerk, office aide, data entry clerk, web assistant, Adobe expert, editing assistant.

Associate's Degree: Personnel recruiter, training clerk, HR information specialist, applicant records coordinator.

Bachelor's Degree: Human resource manager, payroll and benefits analyst, EEO specialist, OSHA/ADA compliance officer, compensation coordinator.

Graduate Degree: Training specialist, organizational psychologist, human resources information systems manager, operations manager.

This plan of study serves as a guide, along with other career planning materials, for pursuing a career path. This is not an all-encompassing list of careers, but rather a starting point to begin discussions with a student. Depending on student interest and teacher certification, NBISD may not offer all courses and certifications.

Source: NBISD, Achieve Texas, Career Cruising
Includes courses directly related to database management, information technology, communications, accounting, finance, marketing, graphic design, welding, logistics, automotive technology, and agricultural science. Career & Technology Education clusters offered at NBISD: Agriculture, Food, and Natural Resources; Arts, Audio/Visual Technology and Communications; Business Management and Administration; Finance; Information Technology; Manufacturing (CTTC); Marketing, and Transportation, Distribution, and Logistics.

### Endorsement: Business and Industry

**Information Technology**

Encompass entry level, technical, and professional careers related to the design, development and support of hardware, software, multimedia, and systems integration services.

**Information Support and Services**

**Career Options**

- **On-the-job training/certificates:** Desktop support, data processor, administrative assistant, Microsoft Office specialist, Oracle database associate, OSHA CareerSafe, graphics assistant, JAVA programmer, information technician, records clerk, survey assistant.

- **Associate's Degree:** Computer operator, teleprocessing specialist, IT service technician, database analyst, GIS analyst, surveyor, GIS energy technician, geotechnician, mapping technician.

- **Bachelor's Degree:** Program system administrator, project manager, configuration wizard, programmer analyst, international support engineer, data analyst, project manager, geologist, environmental inspector, utilities and manager.

- **Graduate Degree:** Security architect, software analyst, information technologist, executive information officer, geographer, cartographer, environmental scientist, information scientist, research analyst.

**Web & Digital Media**

**Career Options**


- **Associate's Degree:** Web content coordinator, audio technician, visual information operator, motion media crew assistant, video documenter, graphic designer intern, multimedia artist intern.

- **Bachelor's Degree:** Interface developer, application developer, multimedia specialist, medical news producer, film and video editor, web content editor, product sales, network technician.

- **Graduate Degree:** Communications engineer, communications manager, technical director, media producer, radio/TV engineer, web content editor, art director, advertising director, media producer, freelance photographer.

**Network Systems**

**Career Options**

- **On-the-job training/certificates:** Trade technician, computer maintenance technician, A+, Cisco Certified Network Associate, Internation and Computer Core Network+, Cisco Entry Network Technician, OSHA CareerSafe, Panduit, applications specialist, programmer, administrative assistant, database associate, audio and video equipment technician, production assistant, telecommunications line installer and repairers, LAN/WAN operator, network technician, network associate, Internet help desk, IT support member.

- **Associate's Degree:** Network technician, documentation writer, industrial electronics repairer, data systems technician, code programmer, electronics technician, telecommunication line installer and repairer, code programmer.

- **Bachelor's Degree:** Network technician, documentation writer, industrial electronics repairer, data systems technician, code programmer, electronics technician, telecommunication line installer and repairer, code programmer.

- **Graduate Degree:** Simulations architect, computer linguist, technology columnist, cryptology systems programmer, IT language historian.

**Programming and Software Development**

**Career Options**

- **On-the-job training/certificates:** Product specialist, applications support, web developer, A+, JAVA programmer, Network+, OSHA CareerSafe, applications specialist, database associate, product instructor, system administrator.

- **Associate's Degree:** Documentation developer, data normalizer, PLC programmer, SQL script writer, assembly language retro-grant.

- **Bachelor's Degree:** Configuration analyst, software developer, solutions developer, data auditor, technical support manager.

- **Graduate Degree:** Simulations architect, computer linguist, technology columnist, cryptology systems programmer, IT language historian.

*Source: NBISD, Achieve Texas, Career Cruising*
Endorsement: Business and Industry

Includes courses directly related to: database management, information technology, communications, accounting, finance, marketing, graphic design, welding, logistics, automotive technology, and agricultural science. Career & Technology Education clusters offered at NBISD: Agriculture, Food, and Natural Resources; Arts, Audio/Visual Technology and Communications; Business Management and Administration; Finance; Information Technology; Manufacturing (CTTC); Marketing, and Transportation, Distribution, and Logistics.

Manufacturing

Planning, managing, and performing the processing of materials into intermediate or final products and related professional and technical support activities.

Additional source for occupations can be found in the Occupational Outlook Handbook, published by the Bureau of Labor Statistics: www.bls.gov/ooh

Alamo Colleges
Advanced Technology & Manufacturing Academy

New Braunfels ISD has a partnership with Alamo Colleges so students can join the two-year Advanced Technology & Manufacturing Academy. Students explore specific career paths and acquire unique skills in manufacturing productions operations and facilities maintenance during their junior and senior years. NBISD provides a shuttle daily to Central Texas Technology Center so students can participate.

Students have access to a paid industry internship between their junior and seniors years.

After graduation, students can expect starting salaries from $10/hour to $15/hour. The San Antonio Manufacturers Association (SAMA) is a committed partner, offering job internship opportunities. The manufacturing industry is one of the largest sectors of the San Antonio economy. Its economic impact in 2006 was $14.4 billion, paying nearly $2.2 billion in wages and salaries.

Source: NBISD, Achieve Texas, Career Cruising
Marketing, Sales, and Service careers encompass planning, managing, and performing marketing activities to reach organizational objectives. Includes courses directly related to: database management, information technology, communications, accounting, finance, marketing, graphic design, welding, logistics, automotive technology, and agricultural science. Career & Technology Education clusters offered at NBISD: Agriculture, Food, and Natural Resources; Arts, Audio/Visual Technology and Communications; Business Management and Administration; Finance; Information Technology; Manufacturing (CTTC); Marketing, and Transportation, Distribution, and Logistics.

Marketing

Buying and Merchandising

Career Options

Distribution and Logistics

Career Options

E-Marketing

Career Options

Management and Entrepreneurship

Career Options

Marketing Communications and Promotion

Career Options

Marketing Information Management & Re-

Career Options

Professional Sales & Marketing

Career Options

On-the-job training/certificates: Cashier, customer service representative, merchandise dispenser, product demonstrator, sales associate, shipper, and receiving clerk, sales representative, e-commerce designer, site designer.

Associate's Degree: Retail sales supervisor, department manager, buyer, visual merchandiser, purchasing agent.

Bachelor's Degree: Store manager, marketing manager, merchandising manager, procurement specialist, purchasing manager.

Graduate Degree: Management analyst, operations researcher, virtual marketer, business auditor.

On-the-job training/certificates: Circulation manager, inventory clerk, media distributor, router, shipping clerk, travel guide, travel associate, computer reservationist, customer service representative.

Associate's Degree: Logistics coordinator, freight agent, transportation inspector, fleet coordinator, shipping manager.

Bachelor's Degree: Commuter planner, safety inspector, transit performance auditor, transportation security specialist, transportation engineer.

Graduate Degree: Global sales director, contract negotiator, acquisition integrator, transportation planner, emergency operations analyst.

On-the-job training/certificates: Human resource clerk, human resource assistant receptionist, records clerk, office aide, data entry clerk, web assistant, Adobe expert, editing assistant.

Associate's Degree: Applicances developer, website designer, web developer, portal programmer, XML tagger.

Bachelor's Degree: Consumer analyst, marketing manager, transaction analyst, electronic marketing supervisor, visual merchandising specialist.

Graduate Degree: Brand director, internet investigator, business portal manager, director broadcast retailing, EDI expert.

On-the-job training/certificates: Account sales, advertising sales consultant, appointment setter, call center representative, outside sales intern, publication sales assistant, office assistant, Adobe graphics editor.

Associate's Degree: Media staff, marketing associate, promotions coordinator, public relations coordinator, photographic specialist.

Bachelor's Degree: Data analyst, data miner, operations research analyst, research analyst, statistician.

Graduate Degree: Economist, intelligence specialist, business forecaster, business process modeler, opportunity analyst.

On-the-job training/certificates: Advertising design assistant, graphic artist, illustrator, graphic designer, graphic modeler, opportunity analyst.

Associate's Degree: Technical communicator, technical writer, technical writer and editor.

Bachelor's Degree: Commercial designer, graphic designer, technical writer, technical writer and editor.

Graduate Degree: Materials scientist, mineral engineer, materials engineer, technical communicator, technical writer, technical writer and editor.
Endorsement: Business and Industry

Includes courses directly related to: database management, information technology, communications, accounting, finance, marketing, graphic design, welding, logistics, automotive technology, and agricultural science. Career & Technology Education clusters offered at NBISD: Agriculture, Food, and Natural Resources; Arts, Audio/Visual Technology and Communications; Business Management and Administration; Finance; Information Technology; Manufacturing (CTTC); Marketing, and Transportation, Distribution, and Logistics.

Transportation, Distribution, and Logistics

Focuses on careers in the planning, management, and movement of people, materials, and goods by road, pipeline, air, rail, and water and related professional and technical support services.

Additional source for occupations can be found in the Occupational Outlook Handbook, published by the Bureau of Labor Statistics: www.bls.gov/ooh

Career Options

Facility & Mobile Equipment Maintenance

On-the-job training/certificates: Auto mechanic, auto diesel mechanic, transmission repair specialist, mechanic military service, technician, truck mechanic.

Associate's Degree: Industrial electrician, master mechanic, supervisor specialty technician.

Bachelor's Degree: Industrial engineer manager.

Graduate Degree: Contracting, instructor/professor, research and development, airport manager, aircraft maintenance development.

Health, Safety, and Environmental Management

On-the-job training/certificates: Dealership technician, safety technician.

Associate's Degree: Automotive, boat, truck, rail or plane safety, industrial electrical safety, specialty technician supervisor.

Bachelor's Degree: Industrial safety inspector manager, Occupational Safety and Health Administration, U.S. Department of Transportation.

Graduate Degree: Federal Aviation Administration, instructor/professor, airport and ports safety, National Highway Traffic Safety Administration.

Sales and Service

On-the-job training/certificates: Automotive maintenance technician, automotive parts clerk, reservation agent, travel agent, cashier, clerk, dealership training/sales.

Associate's Degree: Sales representative, specialty technician supervisor.

Bachelor's Degree: Manager, Occupational Safety and Health Administration.

Graduate Degree: Instructor/professor, marketing manager, research and development.

Source: NBISD, Achieve Texas, Career Cruising
# Endorsement: Public Services

Includes courses directly related to: education and training, and law enforcement. Career & Technology Education clusters offered at NBISD: Education and Training; Human Services; Law, Public Safety, Corrections, and Security, Health Science.

## Education and Training

### Programs of Study
Planning, managing and providing education and training services, and related learning support services.

Additional source for occupations can be found in the Occupational Outlook Handbook, published by the Bureau of Labor Statistics: www.bls.gov/ooh

### Career Options

#### On-the-job training/certificates:
- Community youth services aide, educational aide, library aide, preschool aide/worker, recreational aide, teachers assistant, life and wellness coach, before/after-school assistant, child care workers.

#### Associate's Degree:
- After-school program supervisor, assistant teacher, human resources assistant, recreation attendant, social services aide, group worker, self enrichment teacher.

#### Bachelor's Degree:
- Adult educator, counselor, curriculum development specialist, middle school teacher, elementary teacher, secondary teacher.

#### Graduate Degree:
- College president, dean, educational researcher, principal, superintendent, supervisor and instruction coordinator, university instructor, professor.

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Source: NBISD, Achieve Texas, Career Cruising
Endorsement: Public Services

Includes courses directly related to: education and training, and law enforcement. Career & Technology Education clusters offered at NBISD: Education and Training; Human Services; Law, Public Safety, Corrections, and Security, Health Science.

Human Services

Programs of Study: Preparing individuals for employment in career pathways that relate to families and human needs.

Additional source for occupations can be found in the Occupational Outlook Handbook, published by the Bureau of Labor Statistics: www.bls.gov/ooh

Consumer Services

Career Options

On-the-job training/certificates: Account collector, bank teller, billing and posting clerk, data entry clerk, payroll and time-keeping clerk, sales consultant, furnisher/sales associate, retail salesperson, showroom assistant, retail salesperson, inventory clerk.

Associate's Degree: Accounting clerk, accounting office manager, bookkeeper, procurement clerk, sales manager, assistant store manager, display designer, furnisherings and equipment sales associate, retail salesperson, merchandise displayer.

Bachelor's Degree: Accountant, financial consultant, loan counselor, personal financial advisor, securities/investment banker, assistant buyer, manufacturer’s agent, sales manager, sales representative, sales trainer.

Graduate Degree: Chief financial officer, financial analyst, financial/estate planner, financial manager, personal financial manager, advertising/promotions manager, market research analyst, purchasing manager, vice president of sales.

On-the-job training/certificates: Community youth services aide, personal/home care aide, preschool aide/worker, recreation aide, social worker aide.

Associate's Degree: Addiction counselor, group worker, social services worker, volunteer coordinator, rehabilitation aide.

Bachelor's Degree: Adult educator, counseling aide, social services worker, volunteer coordinator, rehabilitation aide.

Graduate Degree: Addiction counselor, behavioral disorder counselor, family counselor, gerontology counselor, marriage and family therapist.

Counseling & Mental Health Services

Career Options

On-the-job training/certificates: Child care worker, educational aide, library assistant, preschool aide/worker, teacher’s assistant.

Associate's Degree: After-school program supervisor, teaching assistant, child care worker, lead teacher, social services aide.

Bachelor's Degree: Child care administrator, child care supervisor, child life specialist, preschool-elementary teacher, special education teacher.

Graduate Degree: Child care director/owner, education administrator, special education specialist, university instructor or professor.

Early Childhood Development & Services

Career Options

On-the-job training/certificates: Dietary aide, food service worker, community outreach aide, community support aide, life skills counselor aide, mental health aide, personal/home care aide, social worker aide.

Associate's Degree: Dietary technician, certified dietary manager, case management aide, government-eligibility interviewer, home care services manager, physical therapist assistant, social and human services assistant, community outreach worker, community support worker.

Bachelor's Degree: Registered dietitian, nutritionist, food service manager, administrative assistant, community and social services specialist, counseling aide, medical office manager, social services caseworker, adult educator, counseling/gerontology aide, volunteer coordinator.

Graduate Degree: Nutrition consultant, nutrition educator, nutrition researcher, geriatric care manager, gerontology counselor, life skill counselor, medical and health services manager, residential advisor, career counselor, life skill counselor, residential advisor, social and community service manager.

Family & Community Services

Career Options

On-the-job training/certificates: Public Services

Associate's Degree: Social services worker, volunteer coordinator, counseling/gerontology specialist, adult education case worker.

Bachelor's Degree: Residential advisor, social services worker, volunteer coordinator.

Graduate Degree: Nutritional consultant, nutrition educator, nutrition researcher, geriatric care manager, gerontology counselor, life skill counselor, medical and health services manager, residential advisor, career counselor, life skill counselor, residential advisor, social and community service manager.

Source: NBISD, Achieve Texas, Career Cruising
Endorsement: Public Services

Includes courses directly related to: education and training, and law enforcement. Career & Technology Education clusters offered at NBISD: Education and Training; Human Services; Law, Public Safety, Corrections, and Security, Health Science.

Law, Public Safety, Corrections, and Security

Programs of Study: Focuses on careers in planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.

Additional source for occupations can be found in the Occupational Outlook Handbook, published by the Bureau of Labor Statistics: www.bls.gov/ooh

Correction Services

Career Options


Associate’s Degree: Correctional officer, jail officer, probation officer, social worker, substance abuse specialist.

Bachelor’s Degree: Correctional officer, corrections technician, federal correctional administrator, parole officer, probation officer.

Graduate Degree: Correctional law, instructor/professor, parole administration, probation administration, attorney.

Law Enforcement Services

Career Options


Associate’s Degree: Bailiff, Border Patrol, immigration inspectors, park ranger.

Bachelor’s Degree: Correctional officer, detective, federal correctional administrator, gaming investigator, instructor.

Graduate Degree: Correctional administration, lawyer, parole administration, probation administration, federal agencies.

Legal Services

Career Options

On-the-job training/certificates: Government intern, law office, legal assistant, administrative technician.

Associate’s Degree: Court clerk, law assistant, legal secretary, paralegal, court reporter.

Bachelor’s Degree: Government legal librarianship, private law practice, public interest law, negotiator.

Graduate Degree: Administration of legal services, lawyer, instructor/professor, state/federal agency administrator, judge.

Security and Protective Services

Career Options


Associate’s Degree: Corporate security, diplomatic courier, information security, municipal security, gaming surveillance.

Bachelor’s Degree: Diplomatic security, information security, state or federal security, transportation security.

Graduate Degree: Homeland Security, research and policy, security administration, security law.

This plan of study serves as a guide, along with other career planning materials, for pursuing a career path. This is not an all-encompassing list of careers, but rather a starting point to begin discussions with a student. Depending on student interest and teacher certification, NBISD may not offer all courses and certifications.

Source: NBISD, Achieve Texas, Career Cruising
### Endorsement: Public Services

Includes courses directly related to: education and training, and law enforcement. *Career & Technology Education clusters offered at NBISD: Education and Training; Human Services; Law, Public Safety, Corrections, and Security, Health Science.*

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### Health Science

**Programs of Study:** Focuses on careers in planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

**Career Options**

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<th><strong>Diagnostic Services</strong></th>
<th><strong>Health Informatics</strong></th>
<th><strong>Support Services</strong></th>
<th><strong>Therapeutic Services</strong></th>
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<tr>
<td><strong>On-the-job training/certificates:</strong> Histologic technician, laboratory assistant, phlebotomist, laboratory technician, Dietary aide, food service worker, dietetic technician.</td>
<td><strong>On-the-job training/certificates:</strong> Admitting clerk, medical assistant, unit secretary, medical transcriptionist.</td>
<td><strong>On-the-job training/certificates:</strong> Central services technician, sterile processing and distribution.</td>
<td><strong>On-the-job training/certificates:</strong> Dental assistant, phlebotomist, laboratory assistant, transport aide, mental health aide, psychiatric aide, medical office assistant, nursing assistant, medication aide, home health aide, LVN, drug store clerk, medical office assistant, emergency care attendant, acupuncturist assistant, orthodontist/prosthesis assistant, message therapist, ophthalmic assistant, optometric assistant, ophthalmic technician.</td>
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<td><strong>Associate's Degree:</strong> Medical laboratory technician, histology technician, clinical laboratory technician, dietetic technician, nutritionist, echocardiographer, electrocardiographic technician, cardiovascular technologist, electroencephalographic technician, electromyographic technician.</td>
<td><strong>Associate's Degree:</strong> registration clerk, medical staff professional, health information supervisor, medical secretary, medical coding associate, medical insurance claims Biller, certified tumor registrar, office manager, health information coder, claims analyst or auditor, medical Biller, patient financial services manager, health information technician, cancer registrar.</td>
<td><strong>Associate's Degree:</strong> Biomedical technician, clinical technician, environmental science technician, biological technician.</td>
<td><strong>Associate's Degree:</strong> Dental hygienist, EMT-paramedic, emergency services technician, human services aide, child life assistant, assistant activities director, RN, pharmacy technician, medical assistant, art, music, dance therapist, physical therapy assistant, occupational therapy assistant, respiratory therapy, optician, ophthalmic technician, optometric technician.</td>
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<td><strong>Bachelor's Degree:</strong> Clinical lab scientist, medical technologist, forensic scientist, registered dietitian, licensed dietitian, nutritionist, dietary counselor, perfusionist, health care management.</td>
<td><strong>Bachelor's Degree:</strong> Public health educator, patient advocate, health information management director, practice workflow analyst, health care administrator, data analyst, project manager, systems analyst, applied researcher, data consultant, compliance/risk management officer, privacy officer, director of medical records, health services manager, security officer, patient advocate.</td>
<td><strong>Bachelor's Degree:</strong> Biomedical engineer, materials manager, environmental engineer, facilities manager, industrial hygienist.</td>
<td><strong>Bachelor's Degree:</strong> Researcher, emergency medical services director, emergency room nurse, physician assistant, counseling aide, social worker, child life specialist, activities director, RN, school nurse, nursing supervisor, director of nursing, diabetic educator, therapeutic nutrition, systems manager, audiolo assistant, assistant in speech-language pathology.</td>
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<td><strong>Graduate Degree:</strong> Histotechnologist, forensic scientist, clinical lab management, research scientist, dietetic educator, dietetic researcher, cardiovascular surgeon, health care administrator.</td>
<td><strong>Graduate Degree:</strong> Researcher, health care system management, management consulting, public health administrator, health information exchange data manager, medical librarian, systems analyst, health information exchange administrator.</td>
<td><strong>Graduate Degree:</strong> Systems management, environmental analyst, environmental scientist, Occupational Health &amp; Safety specialist.</td>
<td><strong>Graduate Degree:</strong> Dentist, oral surgeon, orthodontist, periodontist, pediatric dentist, emergency room physician, psychologist, pharmacist, nuclear pharmacist, pharmacy practitioner, pediatric specialist, oncology specialist, podiatrist, physician assistant, chiropractor, doctor of medicine, doctor of osteopathy, optometrist, audiologist, speech-language pathologist, therapeutic manager, therapeutic researcher.</td>
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Endorsement: Science, Technology, Engineering, Math

Science, Technology, Engineering, and Mathematics Endorsement
Includes courses directly related to: science, including environmental science, technology, including computer science, advanced math, and health sciences. Career & Technology Education clusters offered at NBISD: Engineering.

Science, Technology, Engineering, Mathematics

Programs of Study: Planning, managing, and providing scientific research and professional and technical services including laboratory and testing services, and research and development services.

Additional source for occupations can be found in the Occupational Outlook Handbook, published by the Bureau of Labor Statistics: www.bls.gov/ooh

Mechanical Engineering

Career Options

On-the-job training/certificates: Central services technician, office machine repairer, survey assistant, environmental engineering technician, mechanical and electrical designer, mechanical and electrical drafter.

Associate's Degree: Electronics technician, civil engineering technician.

Bachelor's Degree: Engineering technologist, engineer.

Graduate Degree: Corporate engineering, medicine analyst, administration and management, engineering technology.

Science and Math

Career Options

On-the-job training/certificates: Central services technician, laboratory assistant, production operator, biomedical electronics technician, biomedical equipment technician, laboratory assistant,

Associate's Degree: Dairy technologist, bio-manufacturing technician,

Bachelor's Degree: Biologist, cryptographer, chemist, geologist, mathematician, statistician, biokinetics, pharmacist, forensics science, pre-med,

Graduate Degree: Zoologist, climatologist, nuclear engineer, toxicologist, zoologist, toxicologist, climatologist.

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