

# NISD Academies Comparison Chart

Academy	Overview	Career	Degree	Suggested courses in Middle School <i>(not required)</i>	If you like....
<p style="text-align: center;"><b>Academy of Aeronautics and Aviation Sciences (AAAS)</b></p> <p style="text-align: center;">Dual Enrollment Program</p> <p style="text-align: center;">Three tracks:</p> <ol style="list-style-type: none"> <li>1. Aviation Mechanics – TCC</li> <li>2. Pilot Program - TCC</li> <li>3. Embry Riddle Aeronautical University- Dual Enrollment</li> </ol>	<p>1. Aircraft Maintenance Program Highlights 2-year A.A.S. degree or certificate of completion in 4 areas of specialization..</p> <p>2. Professional pilot-centered training with 2 years of training at TCC.</p> <p>3. Embry Riddle continues to be the most highly regraded institution dedicated to the field. It is the nation’s largest, oldest and most comprehensive aeronautical university.</p>	<p>Operations Technicians, Air Traffic Controllers, Aircraft Cargo Handling Supervisors, Aircraft Mechanics, Aircraft Structure, Airfield Operations Specialists, Airline Pilots, Copilots, and Flight Engineers, Avionics Technicians, Cargo and Freight Agents, Commercial Pilots, Reservation and Transportation, Transportation Security Screeners</p>	<p>Associate of Applied Sciences- Diverse programs span associates through doctorate</p>	<p>Algebra 1 Spanish 1 Art 1 Communication Applications</p>	<p>If you like aviation, flight, electronics, advanced academics and college courses, then the AAAS program could be the right fit. Students who want to experience college early in the field of aeronautics and aviation are encouraged to see what the program has to offer.</p>
<p style="text-align: center;"><b>Academy of Biomedical Sciences (ABS)</b></p>	<p>ABS is designed for students who are interested in human medicine, anatomy/ physiology, microbiology, genetics &amp; public health. Students need strong science/ math background &amp; research skills to design/ conduct experiments to understand health science.</p>	<p>Surgeon, Physician, Pharmacist, Epidemiologist, Biomedical Engineer, Microbiologist, Genetic Researcher</p>	<p>Biomedical Science, Pre-Med, Biology, Chemistry, Genetics</p>	<p>PreAP Math/ Science Algebra 1 Spanish 1 Art 1 Communication Applications</p>	<p>If you find that interactions within the human body are fascinating, &amp; you enjoy unraveling medical mysteries then perhaps Biomedical Sciences is for you.</p>
<p style="text-align: center;"><b>Academy of Business Management &amp; Entrepreneurship (BME)</b></p>	<p>Students in BME are immersed in all aspects of the business world. Students will experience principles of business, marketing, finance, accounting, &amp; entrepreneurship. The academy will culminate with students running their own student-run business.</p>	<p>Accountant, Banker, Business Manager/ Owner, Chief Financial Officer, Computer Science Engineer, Financial Analyst, Graphic Designer, Human Resources Manager, Insurance Agent, International Business, Salesman, Website Designer</p>	<p>Accounting, Advertising &amp; Public Relations, Business, Business Administration, Communication Design, Entrepreneurship, Finance, Human Resources, Information Technology, International Business, Logistics &amp; Transportation, Management, Marketing, Sales</p>	<p>Algebra 1 Spanish 1 Art 1 Communication Applications</p>	<p>If you like watching <i>Shark Tank</i>, being your own boss, working with a team and making decisions, then BME might be the academy for you!</p>

<p><b>Collegiate Academy</b></p>	<p>Students will be able to earn up to 60 college hours from NCTC by high school graduation. Students will experience the rigor of college-level learning environments while receiving support from advisors.</p>	<p>Any career you choose!</p>	<p>Students will be able to earn an Associate's degree by high school graduation &amp; earn college classes that will transfer in any public Texas university.</p>	<p>Algebra 1 Spanish 1 Art 1 Communication Applications</p>	<p>If you like the idea of completing college early and getting college credit in high school, then you are a perfect candidate for the Collegiate Academy!</p>
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<p style="text-align: center;"><b>Academy of Cosmetology</b></p>	<p>Cosmetology is a four-year opportunity to become licensed as a Cosmetologist in Texas. The industry license allows the holder to perform a variety of services on the hair, skin and nails. Students explore a variety of professional careers in the beauty industry that begin with working in a barber or beauty business before graduating from high school.</p>	<p>Hairstyling Specialist, Hair Color Specialist, Make-up Artist, Retail and Customer Service Specialist, Texture Specialist, Cutting Specialist, Medical Esthetician, Esthetician- Facialist, Nail Technician Specialist, Waxing Specialist, Hair Braider, Permanent Make-Up (Tattooing), Lash Extension Specialist, Salon Trainer, Receptionist, Distributor Sales Consultant, Manufacturer's Educator, Cosmetology Instructor, Inventory Manager, Department Head, Salon Educator, Special Events Manager, Assistant Manager, General Manager Salon Owner, Editor for Industry or Publishing Periodicals or Textbooks, and Film, theatrical, or Editorial Stylist</p>	<p>Business, Entrepreneurship, Finance, Education, Marketing, Sales, Advertising &amp; Public Relations, Communications, Art and Science</p>	<p>Algebra 1 Spanish 1 Art 1 Communication Applications</p>	<p>Do you like to watch <i>Tabitha Takes Over</i>, <i>Ink Master</i>, or Nail Art Competitions? Do you like to meet new people? Are you interested in art, communication, helping others, fashion, photography, making \$10-20 per hour and the ability to work the hours you choose? Then the Cosmetology Academy might be for you.</p>
<p style="text-align: center;"><b>Academy of Culinary &amp; Hospitality</b></p>	<p>Students will be immersed in an industry-based, career preparation program designed to prepare them for a professional career in the restaurant &amp; food service, travel &amp; tourism and hotel &amp; lodging industries.</p>	<p>Management positions in food service or hotel industries, Event Planning, Catering Management, Chef, Baker, Restaurant Owner, Theme Park Management, Nutritionist, Recreation Management</p>	<p>Hotel/ Restaurant Management, Hospitality Management, Nutrition, Food Science, Entrepreneurship, Accounting, Public Relations, Communications, Environmental Design</p>	<p>Algebra 1 Spanish 1 Art 1 Communication Applications</p>	<p>If you like shows like <i>Chopped &amp; Top Chef</i>, the Culinary Arts might be the place for you! If you like working with others &amp; problem solving, then Hospitality may be for you!</p>
<p style="text-align: center;"><b>Academy of Media Arts &amp; Technology (AMAT)</b></p> <p>Three tracks: 1. TV &amp; Filmmaking 2. Graphic Design &amp; Photography 3. Animation &amp; Video Game Design</p>	<p>1. In-depth study of television production, filmmaking and digital broadcast graphics. Students will work daily in a television studio to produce broadcasts for the campus, district &amp; community. 2. Intended for students interested in graphic design and art, as well as commercial photography. 3. Students will learn to create 2D/3D animations, motions graphics and learn how to design video games.</p>	<p>TV/Film Industry, Corporate Video Production, Graphic Arts Designer, Marketing Design, Video Game Designer</p>	<p>RTF (Radio Tv Film) Degree, Graphic Design Degree</p>	<p>Middle School Announcements Algebra 1 Spanish 1 Art 1 Communication Applications</p>	<p>If you like being creative and making videos or designing games or animations, then AMAT is for you!</p>

<p style="text-align: center;"><b>Academy of Science, Technology, Engineering &amp; Mathematics (STEM)</b></p>	<p>STEM incorporates project and authentic learning experiences to help students gain content knowledge and skills. Students will be enrolled in core classes and engineering courses throughout their 4 years. Students gain skills such as problem solving, collaboration, critical thinking, creativity, project management, communication &amp; leadership.</p>	<p>Engineer, Architect, Scientist, Medical Professions, Public Relations &amp; Marketing, Computer Science, and <b>ANY</b> career field you choose!</p>	<p>Biology, Pre Med, Chemistry, Physics, Environmental Science, Engineering, Architecture &amp; Design, Mathematics &amp; Statistics, Public Relations, Information Technology</p>	<p>Pre AP Math Pre AP Science Algebra 1 Spanish 1 Art 1 Communication Applications</p>	<p>If you like problem solving, design &amp; working with a team, then STEM is for you!</p>
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