Career and Technical Education

OPPORTUNITY GUIDE

2026 - 2027

NORTHWEST ISD
Career & Technical Education

nisdtx.org/cte

CCMR | NORTHWEST ISD College, Career & Military Readiness

NORTHWEST ISD Career & Technical Education

NORTHWEST ISD Technical · 2 Year Military · 4 Year

NORTHWEST ISD Advanced Placement & Dual Credit

NORTHWEST ISD Adult & Community Education

Northwest Independent School District CTE: Get Real.

At Northwest ISD CTE, we believe every student should get real: real academics, real skills, and a real high school experience unlike any other. By combining strong academics with robust career-minded education, we expand students' options and opportunities to make them truly FUTURE READY. Together with parents, business leaders, and the community, we challenge all students to aspire to their full potential, advance with rigorous academic and technical skills, and achieve a real-world competitive advantage.

ASPIRE • ADVANCE • ACHIEVE



Career and
Technical Education's

PATHWAYS TO OPPORTUNTIES

With hands-on learning, field-based experiences, and opportunities to earn industry certifications, high school students in Northwest ISD can choose from a wide range of Career & Technical Education (CTE) programs of study or specialized academies aligned with high-demand industries.

9 ACADEMIES & 13 ADDITIONAL PROGRAMS OF STUDY

CTE courses are built into students' regular schedules and taken alongside athletics, fine arts, and dual credit classes—allowing them to pursue their passions while preparing for the future.

NORTHWEST ISD Career & Technical Education

Academy Information and CTE Course Levels 2

Agriculture, Food, and Natural Resources
Animal Science* 4
Applied Agricultural Engineering* 5
Plant Science* 6

Architecture and Construction
Architectural Design 8
Construction Academy 9

Arts, Audio/Video Technology and Communications
Creative Media Production Academy 11
Design and Multimedia Arts* 12
Digital Communications* 13

Business, Marketing, and Finance
Business Management and Entrepreneurship Academy . . . 15
Business Management* 16

Education and Training
Early Learning* 18
Teaching and Training* 19

Engineering
STEM Academy 21

Health Science
Biomedical Sciences Academy 23
Health Sciences* 24

Hospitality and Tourism
Culinary Arts and Hospitality Academy 26

Human Services
Cosmetology Academy 28
Family and Community Services* 29

Information Technology
Programming and Software Development* 31

Manufacturing
Advanced Manufacturing* 33

Transportation, Distribution, and Logistics
Aviation and Aeronautics Academy 35
Transportation, Automation and Logistics Academy - opening August 2027 36

Industry Certifications 37

Intern Partners 38-39

Non-Discrimination Notice 40

**Available at all comprehensive high schools*

ACADEMY INFORMATION

Who can request enrollment for an academy?

Incoming 9th grade students may request enrollment to any one of the district academies or early college high school. With facilitator approval, academies may admit 10th grade students who are new to NISD or students who are already enrolled on the same campus as the academy they are requesting. **Students request enrollment for the Cosmetology Academy in 10th grade to attend during their junior and senior years.*

What if I want to attend an academy that is not offered at my home campus?

You will have the opportunity to transfer to the campus of the academy for which you were accepted to participate in, and this will become your home campus.

Will the district provide transportation if I want to transfer in order to participate in an academy?

Yes, bus transportation will be provided both to and from school at regular school hours.

Byron Nelson High School

- Biomedical Sciences Academy
- Culinary Arts and Hospitality Academy

V.R. Eaton High School

- Aviation and Aeronautics Academy
- Business Management and Entrepreneurship Academy

Northwest High School

- Construction Academy
- Cosmetology Academy
- Creative Media Production Academy
- STEM Academy

James M. Steele Early College High School

- Early College High School

Opening Fall 2027: **Davis High School**

- Transportation, Automation, and Logistics Academy

CAREER AND COURSE LEVEL ICONS



Career Awareness

CTE Level 1: Learning ABOUT Work

Build awareness of the variety of careers available and the role of postsecondary education; broaden student options.



Career Exploration

CTE Level 2: Learning ABOUT Work

Explore career options and postsecondary for the purpose of motivating students and to inform their decision making in high school and postsecondary education.



Career Preparation

CTE Level 3: Learning THROUGH Work

Apply learning through practical experience that develops knowledge and skills necessary for success in careers and postsecondary education.



Career Training

CTE Level 4: Learning FOR Work

Train for employment and/or postsecondary education in a specific range of occupations.



Agriculture, Food, and Natural Resources

- Animal Science
- Applied Agricultural Engineering
- Plant Science

Animal Science

Study the science, research and business of animals. Gain skills working within diverse animal industries using preventative medicine, advanced therapeutic techniques, and injury treatment. FFA leadership and competition opportunities, industry certification options, and experience interning at a local veterinary clinic.

RECOMMENDED COURSE SEQUENCE

Principles of Agriculture, Food, and Natural Resources (1 credit)

In this introductory course, students learn about the diverse career opportunities available in agriculture through experiences in leadership development (FFA), plant science, animal industry, food technology, and agriculture mechanics. Students have the opportunity to complete the OSHA 10-hour training program.

Livestock and Poultry Production (1 credit)

Students explore the health and nutrition, reproduction, and management of livestock and poultry. Students develop skills to evaluate livestock, learn breeds, feed types and feeding techniques, breeding innovations and animal management. Live animals may be used in this class.

Veterinary Medical Applications (1 credit)

This course is a hands-on introduction to the concepts and skills related to the veterinary science industry. Students develop competencies in the health, nutrition and safe handling of small and large animals, as well as surgical preparations, vaccine predation and injection technique, and medical terminology related to the anatomy, physiology, and infectious diseases of animals. Live animals will be used in this class for skill development.

CERTIFICATION: Elanco Veterinary Medical Applications

Advanced Animal Science (1 credit)

Students learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. Course examines the correspondence of human, scientific, and technological aspects of animal science through field and laboratory experience. Students must meet the 40% laboratory and fieldwork requirement. *This course satisfies a high school science graudation requirements and will be included in the calculation of weighted GPA.*

CERTIFICATION: Elanco Fundamentals of Animal Science

OR

Practicum in Agriculture, Food, and Natural Resources [Internship] (2 credits)

This course is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, mentorships, or laboratories.

CERTIFICATION: Certified Veterinary Assistant, Level 1

Check out our *Agriculture, Food, and Natural Resources Pathways* video on YouTube to learn more about Animal Science!

Applied Agricultural Engineering

Design and fabricate metal art projects and agriculture equipment using computer-aided design software and advanced welding techniques. FFA leadership and competition opportunities, industry certification options, and experience managing all aspects of a campus workshop.

RECOMMENDED COURSE SEQUENCE

Principles of Agriculture, Food, and Natural Resources (1 credit)

In this introductory course, students learn about the diverse career opportunities available in agriculture through experiences in leadership development (FFA), plant science, animal industry, food technology, and agriculture mechanics. Students have the opportunity to complete the OSHA 10-hour training program.

Agricultural Mechanics and Metal Technologies (1 credit)

This hands-on laboratory based course prepares students for entry-level skills needed for an applied agriculture engineering career such as safety practices, tool operation, carpentry, welding, plumbing, concrete and electrical wiring. Students will work toward the skills needed for AWS Welding Certification.

Agricultural Equipment Design and Fabrication with Lab (2 credits)

This project-based course helps students develop knowledge and skills needed for a career in mechanized agriculture. Students take the skills learned in Agricultural Mechanics and Metal Technology to design and fabricate agricultural equipment projects.

CERTIFICATION: AWS (American Welding Society) Certified D9.1 Sheet Metal Welder

Practicum in Agriculture, Food, and Natural Resources [Internship] (2 credits)

This course is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, mentorships, or laboratories.

Check out our *Agriculture, Food, and Natural Resources Pathways* video on YouTube to learn more about Applied Agricultural Engineering!



Plant Science

Design and create innovative art using a variety of plants and flowers. Focus on the science, research and business of plants and other living organisms. FFA leadership and competition opportunities, industry certification options, and experience managing all aspects of a full-service floral studio and greenhouse.

RECOMMENDED COURSE SEQUENCE



Principles of Agriculture, Food, and Natural Resources (1 credit)

In this introductory course, students learn about the diverse career opportunities available in agriculture through experiences in leadership development (FFA), plant science, animal industry, food technology, and agriculture mechanics. Students have the opportunity to complete the OSHA 10-hour training program.



Horticulture Science (1 credit)

This hands-on course prepares students to produce, process, and market horticulture plants used primarily for ornamental, recreational, and aesthetic purposes.

CERTIFICATION: BASF Plant Science



Greenhouse Operations and Production (1 credit)

This course is designed to develop students' understanding of greenhouse production techniques and practices. Students gain knowledge of common horticulture management practices related to food and ornamental plant production. Students will have the opportunity to work in the school's greenhouse.

OR



Floral Design I (1 credit)

This course is designed to develop students' ability to identify and demonstrate the techniques related to floral design as well as develop an understanding of the management of floral enterprises. *This course satisfies the graduation requirement for Fine Arts.*

CERTIFICATIONS: Texas State Florists' Association Knowledge Base and Level 1



Advanced Floral Design (1 credit)

In this course, students build on the knowledge and skills learned in Floral Design 1. More advanced floral design concepts are introduced with an emphasis on specialty designs and special occasion planning. Students have the opportunity to work in a full-functioning floral design studio on campus.

CERTIFICATION: Texas State Florists' Association Level 2

AND/OR



Practicum in Agriculture, Food, and Natural Resources [Internship] (2 credits)

This course is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, mentorships, or laboratories.



Architecture and Construction

- Architectural Design
- Construction Academy

Architectural Design

Visualize, design, and create construction documents for a wide range of building types. Develop a comprehensive portfolio with computerized architectural and interior design elements. Gain drafting skills, learn and apply technical skills using industry software, and earn industry certifications.

RECOMMENDED COURSE SEQUENCE

Principles of Architecture (1 credit)

This course provides an overview to the various fields of architecture, interior design, and construction management. Students develop professional skills, investigate career opportunities and the skills necessary to work in this industry. Studies include project planning, hand-drawing, reading plans, identifying appropriate materials, creating models and portfolio development. Students have the opportunity to complete the OSHA 10-hour training program.

Architectural Design I (1 credit)

This course focuses on the knowledge and skills needed to enter a career in architecture or construction. Students learn about design, design history, techniques and tools related to both residential and nonresidential buildings. Projects include drawings (by hand and computer software), renderings, site plans, elevations, scale models and professional portfolio.

CERTIFICATION: Autodesk Revit Certified User

Architectural Design II (2 credits)

This advanced course builds on previous knowledge and immerses students in a workplace environment. Studies include working with clients, interpreting and evaluating design decisions, working on large-scale CAD projects with design plans, models and presentations. Students will demonstrate professional and employability skills, such as communication skills, teamwork, work habits and maintain a professional portfolio. This course embeds sustainable design with a focus in architectural design.

CERTIFICATION: Autodesk Revit Certified User

Computer Aided Drafting for Architecture (1 credit)

This course focuses on learning industry standard drafting skills through Autodesk Revit. Studies include setting up a CAD workstation and working with software ribbons to increase design skills. Students build depth of knowledge in the software and gain the skills of a drafter. Students work on large-scale design projects using Gantt Charts, bubble diagrams and more to simulate the professional work of an architect.

CERTIFICATION: Autodesk AutoCAD Certified User

Check out our *Architectural Design Pathway* video on YouTube to learn more about this opportunity!

Construction Academy

Located at Northwest High School

Gain knowledge in all aspects of construction and building maintenance, including safety, construction technology, reading technical drawings and blueprints. Build hands-on skills in carpentry, plumbing, electrical and HVAC. Earn industry-recognized certifications, and work with professionals as part of a senior year internship.

ACADEMY COURSE SEQUENCE

Principles of Construction (1 credit)

In this introductory course, students will develop professional skills to work in the construction industry, including safety standards, recognizing hazards, construction mathematics and measurements, the use and maintenance of hand and power tools, reading construction drawings, material handling, and jobsite communication. Students have the opportunity to complete the OSHA 10-hour training program.

Building Maintenance Technology I (2 credits)

Students continue to gain knowledge and skills needed to enter a career in building and construction, including worksite safety regulations, and reading construction drawings and commercial documents. Students develop skills in plumbing, electrical and general construction.

Building Maintenance Technology II (2 credits)

This course builds on previous knowledge to provide advanced skills in safety standards; safety devices in electrical circuits; maintenance of electrical HVAC. Students learn how to interpret blueprints; install lamps and lighting fixtures; use and maintain common electrical testing equipment; and install, select, prepare, join, and support copper and plastic pipes.

CERTIFICATION: National Center for Construction Education and Research (NCCER) Core

Practicum in Construction Technology [Internship] (2 credits)

This advanced course will immerse students in a workplace environment to develop professional, technical and project management skills. Course studies include developing a management plan for a project; applying applicable codes, laws, standards and regulations to a research project; using critical thinking to solve problems and making decisions related to research, design, and development; developing a project budget and describing costs associated with the project; and using advanced technology, tools, materials, and processes to complete construction projects.

Check out our *NISD Construction Academy* videos to learn more about this new academy!





Arts, Audio/ Video Technology & Communications

- Creative Media Production Academy
- Design and Multimedia Arts
- Digital Communications

Creative Media Production Academy

Located at Northwest High School

Gain strong computer, technology and production skills, and proficiency in oral and written communication. Develop a comprehensive portfolio displaying creativity, depth of projects, and industry-recognized certifications. After completing the freshman Academy course, students choose a track in TV/ Videography, Photography or Graphic Design as their focus.

ACADEMY TRACKS AND COURSE SEQUENCES

CAREER AWARENESS – LEARNING ABOUT WORK

Principles of Arts, Audio/Video Technology, and Communications (1 credit)

Audio/Video Production Track	Commercial Photograhy Track	Graphic Design and Illustration Track
CAREER EXPLORATION – LEARNING ABOUT WORK		
Audio/Video Production I (1 credit)	Commercial Photography I (1 credit)	Graphic Design and Illustration I (1 credit)
CAREER PREPARATION – LEARNING THROUGH WORK		
Audio/Video Production II with Lab OR NHSTV (2 credits)	Commercial Photography II with Lab (2 credits)	Graphic Design and Illustration II with Lab (2 credits)
CAREER TRAINING – LEARNING FOR WORK		
Practicum in Audio/ Video Production OR NHSTV (2 credits)	Practicum in Commercial Photography (2 credits)	Practicum in Graphic Design and Illustration Print Shop (2 credits)
OR	*OR*	*OR*

Digital Design & Media Production (1 credit)

CERTIFICATIONS: Adobe Photoshop, Illustrator, InDesign, and Premier Pro

** See course descriptions and additional courses in the NISD Academic Planning Guide, pages 146-151.*

Check out our *Creative Media Production Academy* video on YouTube to learn more about the CMP Academy!



Design and Multimedia Arts

Learn the principles of graphic design and photography. Create vibrant illustrations, logos, ads, and traditional art for dynamic visual media. Gain technical skills and earn industry-recognized certifications. Upper-level students design and produce all aspects of the campus yearbook.

RECOMMENDED COURSE SEQUENCE

Principles of Arts, Audio/Video Technology, and Communications (1 credit)

This course includes an introduction to audio and video production, graphic design and illustration, and principles of photography using Adobe Creative Cloud applications.

CERTIFICATIONS: Adobe Photoshop and Premiere Pro

Graphic Design and Illustration I (1 credit)

Students learn the basics of Adobe Illustrator and Photoshop working independently and in groups on projects that teach the principles of design, advertising and marketing. Students learn about color, composition, drawing, texture, photo editing and typography.

CERTIFICATIONS: Adobe Photoshop, Illustrator, and InDesign

OR

Commercial Photography I (1 or 2 credits)

Course provides foundations for photography and basic camera operation, including utilizing different camera modes, basic photo composition, concepts for photography genres, and lighting techniques. Students learn basic retouching and editing via Adobe applications. Students gain knowledge about photography history, copyright, and basic business practices.

CERTIFICATION: Adobe Photoshop

Commercial Photography II/Yearbook (1 or 2 credits)

Students build upon the concepts established in the previous class, including more advanced camera capabilities, photographic composition concepts, and complex lighting techniques, including natural, studio and off-camera flash. Students study and prepare more detailed plans for a photography business.

Practicum in Commerical Photography/Yearbook (2 credits)

This course provides opportunities for students to participate in work-based learning that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for a changing workplace.

OR

Digital Design & Media Production (1 credit)

This course builds on students' existing skills in technology, communication and design. Students will use advanced digital tools to complete a comprehensive project that demonstrates their creativity, technical abilities, and readiness for future academic or career opportunities.

Check out our *Arts, Audio/Video Technology, and Communications Pathways* video on YouTube to learn more about Design and Multimedia Arts!

Digital Communications

Gain job-specific training with professional equipment for entry-level employment in audio, video, television, and film. Learn technical skills and earn industry-recognized certifications. Students create, produce and deliver all components for campus video announcements.

RECOMMENDED COURSE SEQUENCE



Principles of Arts, Audio/Video Technology, and Communications (1 credit)

Course includes an introduction to audio and video production, graphic design and illustration, and principles of photography. Adobe Creative Cloud applications are used in the course.

CERTIFICATIONS: Adobe Photoshop and Premiere Pro



Audio/Video Production I (1 or 2 credits)

Course explores the audio and video production industry, including postsecondary educational and career opportunities. Students gain relevant experience working with BNTV (BNHS) or EGLTV (EHS) for video announcements. Professional equipment and Adobe Creative Cloud software used to create student productions. Several class and small group audio, video, and film-style production projects.

CERTIFICATIONS: Adobe Photoshop, Illustrator, and Premiere Pro



Audio/Video Production II (1 or 2 credits)

Students in this course gain additional experience working a second year of BNTV (BNHS) or EGLTV (EHS). Students work as employees for the campus station producing a live TV show each day in the television production facility. Students work as reporters, anchors, producers and crew members. Students work on several audio and/or video productions created for television, education, radio, entertainment, business and/or industry.



Practicum in Audio/Visual Production (2 credits)

This course provides opportunities for students in a work-based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for a changing workplace.

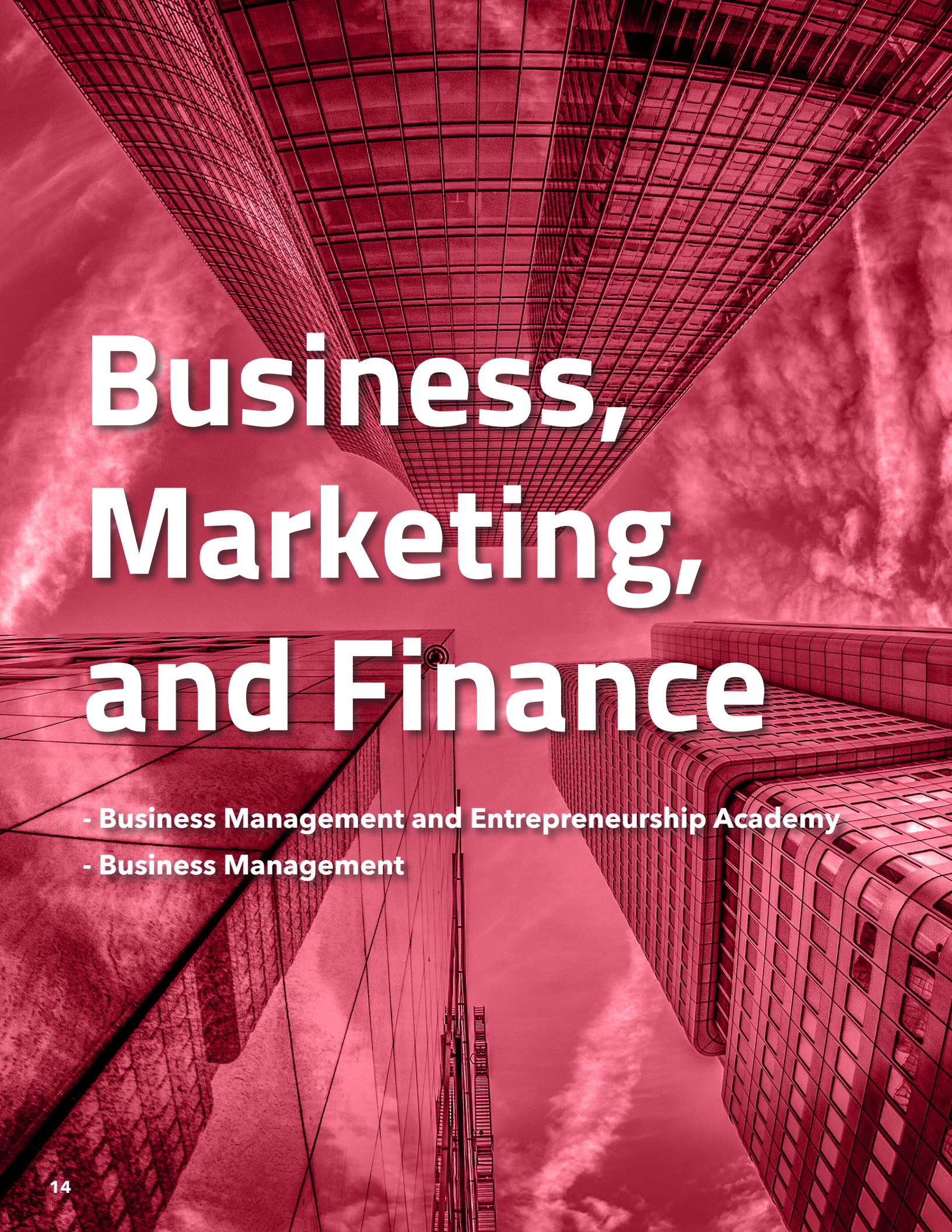
OR



Digital Design & Media Production (1 credit)

This course builds on students' existing skills in technology, communication and design. Students will use advanced digital tools to complete a comprehensive project that demonstrates their creativity, technical abilities, and readiness for future academic or career opportunities.

Check out our *Arts, Audio/Video Technology, and Communications Pathways* video on YouTube to learn more about Digital Communications!



Business, Marketing, and Finance

- Business Management and Entrepreneurship Academy
- Business Management

Business Management and Entrepreneurship Academy

Located at V.R. Eaton High School

Study the principles of business, marketing, finance and entrepreneurship, and develop comprehensive business plans. As part of a virtual startup company, students take on job roles and responsibilities, creating innovative products and operating the business. Learn and apply interpersonal and technical skills, and earn industry-recognized certifications.

ACADEMY COURSE SEQUENCE

BME Fundamentals: Principles of Business, Marketing, and Finance (1 credit)

In this unique hands-on business startup experience, students will understand the components of a business plan, determine feasibility of an idea using research, and develop and present a business concept. Students gain the knowledge, develop the skills, and learn the key concepts necessary to begin and operate a business.

CERTIFICATIONS: Professional Communication Skills; Microsoft Office Associate: PowerPoint

BME Operations: Entrepreneurship I (1 credit)

This course is designed to provide students with a fundamental understanding of the business world through the lens of innovation and entrepreneurship. Students explore the sale of goods and services, advertising and marketing strategies businesses implement, and financial management for a business.

CERTIFICATIONS: Entrepreneurship & Small Business; Microsoft Office Associate: Word

BME Innovation: Entrepreneurship II (1 credit)

Students continue to hone their passion for problem solving and innovation as they develop skills neccessary to start, operate, and grow a small business. Includes essential management skills, how to prepare a business plan, accounting, financial needs, staffing, marketing strategies, and legal issues. Students explore case studies in global business to learn business strategies.

CERTIFICATIONS: Adobe Illustrator; Microsoft Office Associate: Excel; CareerSafe Interview Skills

BME Capstone: Practicum (2 credits) *OR* Project-Based (1 credit)

Practicum capstone students develop a business plan for a virtual start-up company, participate in marketing and selling their product in the Virtual Enterprises International virtual economy, and assume job roles and responsibilities for their VEI firm. Students in the Project-Based capstone complete an indpendent research project relevant to the functions of business management.

CERTIFICATIONS: Microsoft Office Expert: Excel and Word; CareerSafe Micro-Credentials

Check out our Business Management and Entrepreneurship Academy video on YouTube to learn more!



Business Management

Develop foundational business knowledge, and explore management functions needed to accomplish organizational objectives, including formulating policies, managing daily operations, and allocating the use of materials and human resources. Learn and apply interpersonal and technical skills used in business, and earn industry-recognized certifications.

RECOMMENDED COURSE SEQUENCE

Principles of Business, Marketing, and Finance (1 credit)

This course explores basic business operations for the sale of goods and services, advertising strategies businesses use, and financial management for business.

CERTIFICATION: Professional Communication Skills

Business Management (1 credit)

Course is designed to familiarize students with concepts related to business management and the functions of management, including planning, staffing, leading, and controlling. Students demonstrate communication and interpersonal skills to accomplish management objectives.

CERTIFICATION: Entrepreneurship & Small Business

Foundations in Business Communications and Technologies (1 credit)

Students are introduced to info systems and buisness management that support decision-making. Students develop technical skills creating documents, spreadsheets, and presentations while applying professional standards of communication.

CERTIFICATIONS: Microsoft Office: Word, Excel and PowerPoint

Business Communications and Technologies (1 credit)

Students apply technical skills to address business applications of emerging technologies, create complex documents, spreadsheets, and business presentations using industry software.

CERTIFICATIONS: Microsoft Office Expert: Excel and Word

OR

Business Law (1 credit)

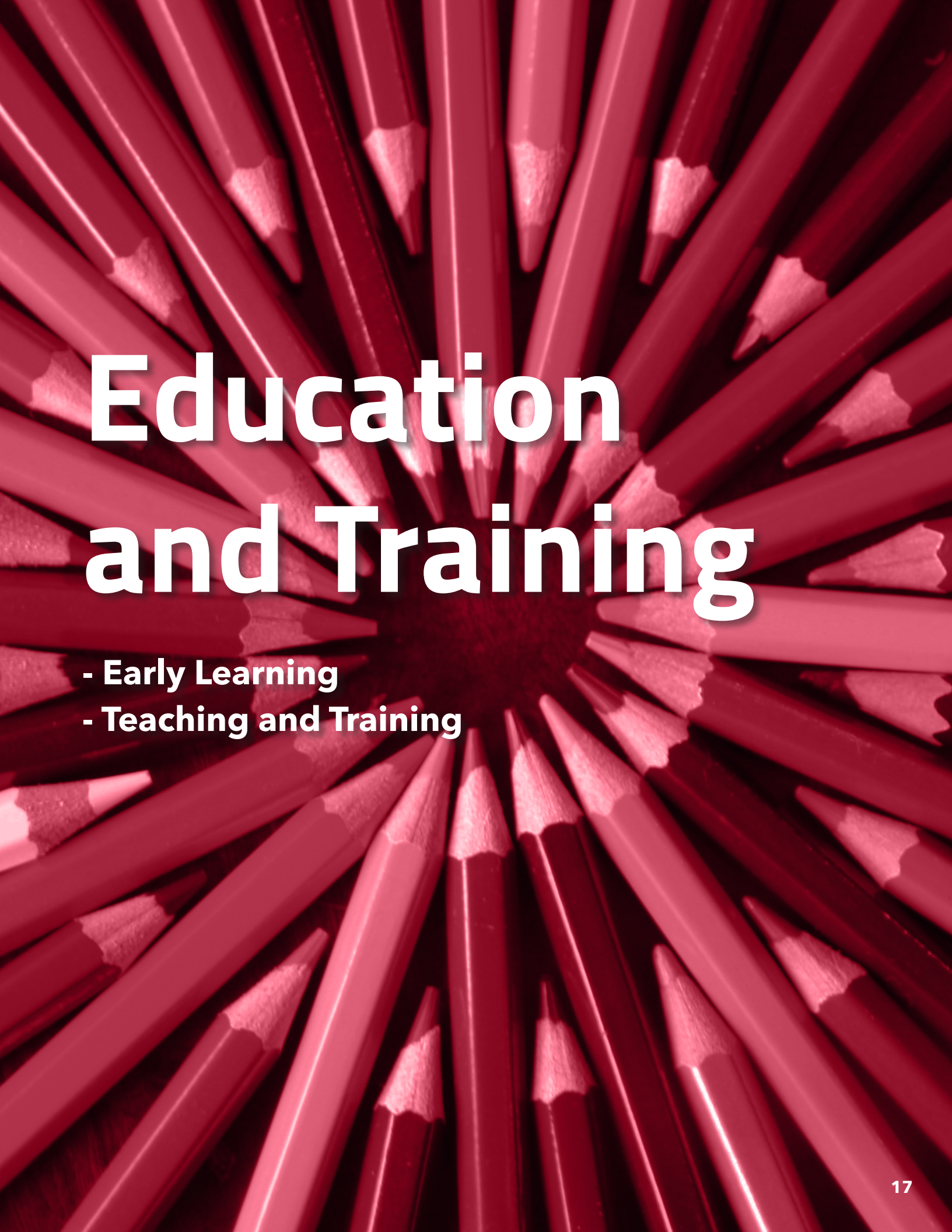
Students analyze various legal aspects of business including ethics, the judicial system, contracts, patents, trademarks, personal property, sales, agency and employment, business organization, real property, and business risk management.

WORK-BASED LEARNING EXPERIENCE

Career Preparation (2 or 3 credits)

This course combines classroom instruction with paid work experience. Designed for juniors and seniors who are employed during the school year, students work a minimum of 10–15 hours per week while earning 1–2 class periods of early release. In class, students develop resumes, strengthen professional skills, and earn industry certifications.

See complete course descriptions in the NISD Academic Planning Guide, pages 162-164.



Education and Training

- Early Learning
- Teaching and Training

Early Learning

Focus on early childhood education, and examine the developmental milestones and skills related to child growth and learning. Gain experience as part of field-based observations and internships with local learning centers. Students can earn industry-recognized certifications and a Northwest ISD Priority Interview certificate.

RECOMMENDED COURSE SEQUENCE*

Principles of Education and Training (1 credit)

This course covers a variety of topics including learning processes, education theory, classroom management, child development and lesson planning. Students will research careers and topics in education including teacher training, interview processes and ethics in the workplace. Students will experience field-based teaching observation opportunities and create a portfolio that serves as a foundation for future education courses.

Child Development (1 credit)

This course examines the development of children focusing on common physical, cognitive, emotional, and social developmental milestones from conception through adolescence. Students participate in a Reality Works Baby Simulator project, prepare nutritious kid-friendly snacks, and investigate careers that work with children.

CERTIFICATIONS: Heartsaver CPR and First Aid

Child Guidance [Internship] (2 credits)

This course is an internship course that addresses the knowledge and skills related to child growth and guidance. Students use these skills to promote the well-being and healthy development of children, strengthen a culturally diverse society, and pursue careers related to the care, guidance, and education of children, including those with special needs.

CERTIFICATION: AAFCS Pre-PAC in Early Childhood Education

Practicum in Early Learning [Internship] (2 credits)

Practicum provides a unique experience that allows students the opportunity to participate in a learning environment that combines classroom instruction with real business and industry career experiences through an internship. Students will gain academic and career preparation to pursue high-demand and high-skill careers.

CERTIFICATIONS: Child Development Associate (CDA) and Educational Aide 1

**Students can begin this program in middle school and will be on an advanced track. See Principles of Human Services course info on pages 165-167 in the NISD Academic Planning Guide.*

Teaching and Training

Plan and direct instruction in educational environments, and study the development milestones related to child growth and learning. Teach and coach side-by-side with professional educators as part of field-based observations and internships. Students can earn industry certifications, college credit and a Northwest ISD Priority Interview certificate.

RECOMMENDED COURSE SEQUENCE*

Principles of Education and Training (1 credit)

This course covers a variety of topics including learning processes, education theory, classroom management, child development and lesson planning. Students will research careers and topics in education including teacher training, interview processes and ethics in the workplace. Students will have field-based teaching observation opportunities and create a portfolio that serves as a foundation for future education courses.

Child Development (1 credit)

This course examines the development of children focusing on common physical, cognitive, emotional, and social developmental milestones from conception through adolescence. Students participate in a Reality Works Baby Simulator project, prepare nutritious kid-friendly snacks, and investigate careers that work with children.

CERTIFICATIONS: Heartsaver CPR and First Aid

Instructional Practices [Internship] with Dual Credit (2 HS credits/3 College hrs)

This course is taught concurrently with Tarleton State University. Students complete a field-based internship working under the joint direction of their course instructor and a mentor teacher on an NISD campus. Students learn to plan and direct instruction, develop materials for educational environments, assist with record keeping, and complete other responsibilities of teachers, trainers, paraprofessionals, and educational personnel.

Practicum in Education and Training [Internship] with Dual Credit (2 HS credits/3 College hrs)

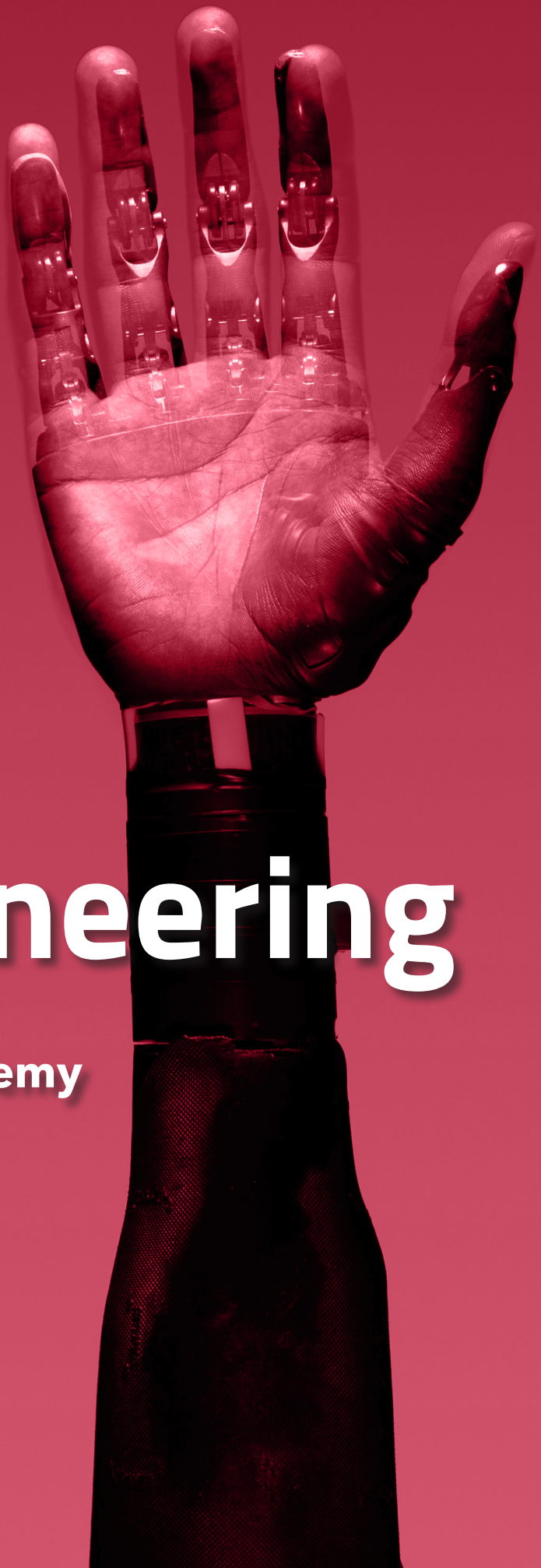
This course is taught concurrently with Tarleton State University. Students complete an advanced field-based internship working under the joint direction of their course instructor and a mentor teacher on an NISD campus. Students learn to prepare and implement individualized instruction and group activities, instructional materials, and other responsibilities of classroom teachers and educational personnel.

CERTIFICATION: Educational Aide 1

**Students can begin this program in middle school and will be on an advanced track. See Principles of Human Services course info on pages 168-171 in the NISD Academic Planning Guide.*

Check out our Teaching and Training Program video on YouTube to learn more!





Engineering

- STEM Academy

STEM Academy

Located at Northwest High School

Bring ideas to life by designing, building, and testing projects that tackle real engineering challenges. Using Project Lead the Way curriculum, students gain professional skills, earn industry certifications, and build a portfolio showcasing depth of knowledge. Senior students collaborate to research, develop and present an original solution to industry professionals.

PROJECT LEAD THE WAY (PLTW) ACADEMY COURSES

CAREER AWARENESS	CAREER PREPARATION	CAREER PREPARATION	CAREER PREPARATION
Engineering Design Process *(formerly PLTW Introduction to Engineering Design)*	**Engineering Design and Presentation** *(formerly PLTW Principles of Engineering)*	**Aerospace Design I** *(formerly PLTW Aerospace Engineering)* or **Civil Engineering I** *(formerly PLTW Civil Engineering and Architecture)* or **Digital Electronics** or **Advanced Engineering Design Presentation (Robotics)**	**Engineering Design and Problem Solving** *(formerly PLTW Engineering Design and Development)*

CERTIFICATIONS: Autodesk Fusion 360, Inventor, Revit, AutoCAD and SolidWorks Associate

OTHER ACADEMY COURSES: *See course descriptions and additional courses on pages 172-177 in the NISD Academic Planning Guide.*

STEM Science

- **9** STEM Honors Biology
- **10** STEM Honors Chemistry
- **11** STEM OnRamps Physics
- **12** Advanced Science

STEM Math

- **9** STEM Honors Geometry
- **10** STEM OnRamps Algebra II
- **11** Honors Precalculus **or** OnRamps Precalculus
- **12** AP Calculus AB **or** BC

STEM English

- **9** STEM Honors English I
- **10** STEM Honors English II
- **11** STEM OnRamps English III
- **12** STEM English IV AP

Optional STEM Courses

- **9** Honors Computer Science I
- **10** Honors Computer Science II **or** PLTW Foundations of Cybersecurity
- **11** Honors Computer Science III **or** PLTW Foundations of Cybersecurity **or** Scientific Research and Design STEM
- **12** Practicum in STEM **or** Engineering Design and Problem Solving

Check out our STEM Academy video on YouTube to learn more!





Health Science

- Biomedical Sciences Academy
- Health Sciences

Biomedical Sciences Academy

Located at Byron Nelson High School

Students engage in real-world problem-solving to develop a strong foundation in the scientific principles that drive modern medical practices. With a focus on human biology and medicine, students conduct and analyze a wide range of scientific experiments to address current health or medical challenges.

PROJECT LEAD THE WAY (PLTW) ACADEMY COURSE SEQUENCE

PLTW Principles of Biomedical Sciences (1 credit)

This is an exciting and rigorous course where students explore concepts of biology and medicine as they take on roles of different medical professionals to solve real-world problems. Students are challenged in various scenarios including investigating a crime scene to solve a mystery, diagnosing and proposing treatment to patients in a family medical practice, to tracking down and containing a medical outbreak at a local hospital, stabilizing a patient during an emergency, and collaborating with others to design solutions to local and global medical problems.

PLTW Human Body Systems (1 credit)

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases.

PLTW Medical Interventions (1 credit)

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when organs begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

PLTW Biomedical Innovation (1 credit)

This course builds on the knowledge and skills gained from previous courses to design innovative solutions for the most pressing health challenges of the 21st century. Students address topics ranging from public health and biomedical engineering to clinical medicine and physiology. Opportunity to work on an independent design project with a mentor or advisor from a university, medical facility, or research institution.

CERTIFICATIONS: BACE (Biotechnology Aptitude & Competency Exam), and Basic Life Support CPR

Check out our Biomedical Sciences Academy video on YouTube to learn more!



Health Sciences

Explore occupations and educational opportunities related to diagnosing and treating acute, episodic, or chronic illness independently or as part of a healthcare team. Gain experience through field-based observations and internships, and earn **EKG Technician and Emergency Medical Technician (EMT) or Certified Clinical Medical Assistant (CCMA) certifications.**

RECOMMENDED COURSE SEQUENCE

Principles of Health Science (1 credit)

This course provides an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the healthcare industry. Content includes interpersonal relationships, anatomy and physiology, ethical/legal responsibilities, health care team concept, medical terminology, basic medical emergency practices, and health service careers. Students have the opportunity to complete the OSHA 10-hour training program.

CERTIFICATIONS: Heartsaver CPR and First Aid

Health Science Theory (1 credit)

This course will foster hands-on exploration through 15 two-week modules using Paxton Patterson curriculum which will provide students the opportunity to increase their awareness of the various healthcare careers and skills needed to successfully prepare for the healthcare industry and work toward industry certifications in the future practicum courses.

Anatomy and Physiology (1 credit)

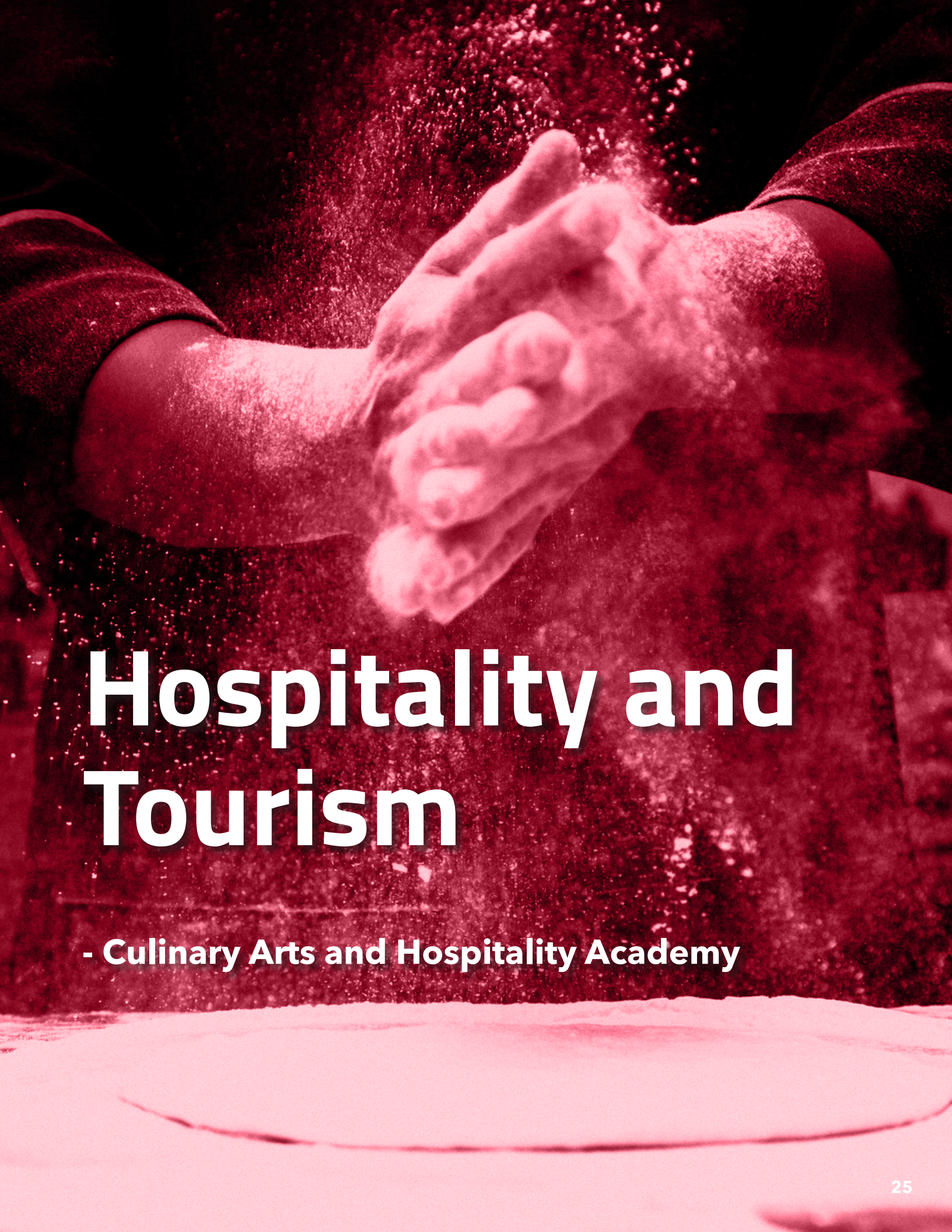
Students study the structures and functions of the human body. The body's systems will be investigated as to the body's responses to forces, maintenance of homeostasis, electrical interactions, transport systems, and energy systems. Topics will be presented through an integration of biology, chemistry, and physics. In this laboratory course, students conduct laboratory investigations, perform dissections, use scientific methods during investigations, and make informed decisions using critical thinking and problem solving.

Practicum in Health Science (EMT/CCMA) [Internship] (2 credits)

This course is designed to give students practical application of previously studied knowledge and skills in order to become an industry certified EKG Technician and Emergency Medical Technician or Certified Clinical Medical Assistant (CCMA). Practicum provides students a learning environment that combines classroom instruction with real industry career experiences in a professional medical setting, including campus clinics and first responder ride-alongs.

CERTIFICATIONS: Certified EKG Technician, Basic Life Support CPR, and Emergency Medical Technician (EMT) *or* Certified Clinical Medical Assistant (CCMA)

Check out our Health Sciences Pathways video on YouTube to learn more!



Hospitality and Tourism

- Culinary Arts and Hospitality Academy

Culinary Arts and Hospitality Academy

Located at Byron Nelson High School

Craft innovative dishes alongside professional chefs using advanced industry equipment. Gain experience in running a full-service restaurant at the student-managed Byron Bistro, and earn industry certifications and college credit.

ACADEMY COURSE SEQUENCE

Principles of Hospitality & Tourism with Dual Credit (1 HS credit/3 College hrs)

Students learn knowledge and skills focusing on food and beverage management, food cost control and customer service that meet industry standards. Students explore the history of the hospitality and tourism industry, and examine characteristics needed for success.

CERTIFICATION: ServSafe Food Handler

Introduction to Culinary Arts with Dual Credit (1 HS credit/6 College hrs)

In this classroom and laboratory-based course, students develop an understanding of the operation of a well-run restaurant. This course provides insight into sanitation and safety, food production and hospitality skills, as well as various levels of industry management. Students gain practical experience managing front of house operations at Byron Bistro, a student-operated restaurant open to NISD staff and the public.

CERTIFICATION: ServSafe Manager

Culinary Arts with Dual Credit (2 HS credits/9 College hrs)

Students learn the principles of the art of cooking and science of baking, including management and production skills. This laboratory-based course covers the fundamentals of basic cooking techniques, baking and pastry, purchasing, food identification and preparation.

Practicum in Culinary Arts in Culinary Arts (Internship) with Dual Credit (3 HS credits/6 College hrs)

This practicum course integrates academic and technical skills; provides more interdisciplinary instruction; and supports partnerships among schools and businesses to prepare students with a variety of skills in a fast-changing workplace. Students gain operational experience working in the Byron Bistro.

CERTIFICATIONS: Culinary Arts Level 1 Certificate (TCC) and Certified Fundamentals Cook - American Culinary Federation

Check out our Culinary Arts and Hospitality Academy video on YouTube to learn more!





Human Services

- Cosmetology Academy
- Family and Community Services

Cosmetology Academy

Located at Northwest High School

Students from Bryon Nelson, Northwest and V.R. Eaton High Schools can complete Cosmetology/Barbering training during their **junior and senior years.** Gain experience by operating a full-service salon and spa environment, and have the opportunity to take state exams to become a dual-licensed Cosmetologist and Class A Barber with successful completion of Cosmetology II.

ENROLLMENT REQUESTS

Students request enrollment during their sophomore year to attend the Cosmetology Academy for part of their day when they are juniors and seniors. Students remain enrolled at their home campus to take core classes. Transportation is available to and from home campus to the Cosmetology Academy.

ACADEMY COURSE SEQUENCE

11th Grade: Intro to Cosmetology/Cosmetology I with Lab (3 credits)

Students will coordinate integration of academic, career, and technical knowledge and skills in this laboratory instructional sequence course designed to provide job-specific training for employment in cosmetology careers. Instruction includes sterilization and sanitation procedures, hair care, nail care, and skin care and meets the Texas Department of Licensing and Regulation (TDLR) requirements for licensure upon passing the state examination. Analysis of career opportunities, license requirements, knowledge and skills expectations, and development of workplace skills are included. Students have the opportunity to complete the OSHA 10-hour training program.

CERTIFICATION: BARBICIDE®

12th Grade: Cosmetology II with Lab (3 credits)

Students will demonstrate proficiency in academic, technical, and practical knowledge and skills. The content is designed to provide the occupational skills required for licensure. Instruction includes advanced training in professional standards/employability skills; Texas Department of Licensing and Regulation (TDLR) rules and regulations; use of tools, equipment, technologies and materials; and practical skills.

CERTIFICATIONS: Texas Cosmetology License, Texas Class A Barber License, and Milady Advanced Services: Eyelashes

Check out our Cosmetology Academy video on YouTube to learn more!



Family and Community Services

Investigate complex social and emotional challenges to understand their effects on individuals, communities, and society. Develop an understanding of counseling strategies in social and community service roles. Gain experience as part of field-based observations and internships with counseling and mental health professionals, and earn industry certifications.

RECOMMENDED COURSE SEQUENCE*

Principles of Human Services (1 credit)

This course uses knowledge and skills in family studies and human development to enhance personal development, foster quality relationships, promote wellness of family members, and manage multiple adult roles. Students will be introduced to careers in counseling and mental health, child development, family and community, personal care services, and consumer services.

Family and Community Services (1 credit)

This is a laboratory course that prepares students for employment in counseling and mental health, family and community services, personal care, and consumer services. Students will plan, develop, implement, and evaluate community and service-learning activities that benefit individuals, families, or the community. Emphasis is placed on developing organizational and leadership skills.

Counseling and Mental Health (1 credit)

Students investigate careers in counseling, mental health and social work. This class explores material in counseling and mental health as it relates to health & wellness across the life span. Students will study the psychological effects of chemical dependency, mental health issues and apply knowledge of ethical and legal responsibilities for counseling and mental health professionals.

Practicum in Human Services [Internship] (2 credits)

Practicum provides a unique experience that allows students the opportunity to participate in a learning environment that combines classroom instruction with real business and industry career experiences through an internship. Students will gain academic and career preparation to pursue high-demand and high-skill careers.

CERTIFICATION: Community Health Worker (CHW)

**Students can begin this program in middle school and will be on an advanced track. See Human Services courses offered in middle school on page 191-193 of the NISD Academic Planning Guide.*

Check out our Family and Community Services Program video on YouTube to learn more!


Information
Technology
- Programming and Software Development

Programming and Software Development

Turn ideas into real-world technology by learning to design, code, and test software applications using industry-standard programming languages. Build skills to create the apps, games, and tools that power today's digital world. Senior-level students complete an internship with industry professionals or work independently on a large-scale IT project.

RECOMMENDED COURSE SEQUENCE



Computer Science I (1 credit)

This course will foster students' creativity and innovation through hands-on coding experiences in TechSmart's Python Programming Basics Course 1. Students develop foundational programming, project development, and debugging skills while applying computational thinking strategies. Course studies include concepts aligned to the Computer Science I TEKS, including sequencing, selection, iteration, variables, Boolean logic, debugging, and responsible in digital citizenship.



Computer Science II (1 credit)

This course will expand students' higher-level computational thinking through TechSmart's Advanced Python Programming Couse 2. Students strengthen project development skills and apply career-focused Scrum methodologies with an emphasis on industry-based certification and collaborative software design. Studies include object-oriented programming (OOP), complex data structures, file processiong, artificial intelligence, data science applications, algorithms, and software engineering principles.

CERTIFICATION: Certified Entry-Level Python Programmer (PCEP)



Computer Science III (1 credit)

Students will build on previous knowledge with a focus on advanced software development and industry-based practices. Students use industry-standard IDEs and development tools to strengthen programming proficiency through advanced studies, and exposure to additional programming language of student choice. Students complete a capstone project demonstrating problem solving, collaboration, and real-world application.

CERTIFICATION: Certified Associate in Python Programming (PCAP)



Practicum in Information Technology [Internship] (2 credits)

This practicum course includes an on- or off-campus internship or mentorship with an industry professional. Students work with their mentor to identify a problem in IT, conduct research, create a solution, develop a strategy, then design a product or service that solves the problem. Student present their project portfolio to a panel of professionals.

OR



Independent Study in Technology Applications (2 credits)

Students work in a simulated work environment in the field of IT to complete large-scale projects designed by the teacher and mentor. Students will identify a problem in IT, and work to research, create solutions and design a product or service that solves the problem. The final presentation includes a project portfolio presented to a panel of professionals.

**NOTE: Computer Science I, II, and III satisfy state requirements for Languages other than English (LOTE).*



Manufacturing

- Advanced Manufacturing

Advanced Manufacturing

Learn manufacturing processes and technology - including robotics, electrical controls, pneumatics and hydraulics - used to solve problems in a modern production environment. Students develop and apply design process skills to create engineering drawings with 3D software, and earn industry certifications.

RECOMMENDED COURSE SEQUENCE

Principles of Manufacturing (1 credit)

This course is an introduction to manufacturing processes and technology used to solve problems. Students gain knowledge about the tools, technology and processes used to influence modern manufacturing practices. Learn sketching techniques to create multi-view drawings and interpret blueprint drawings. Students have the opportunity to complete the OSHA 10-hour training program.

CERTIFICATION: SACA C-101 Certified Industry 4.0 Associate - Basic Operations

Manufacturing Engineering Technology I (1 credit)

Students will gain knowledge and skills in the application, design, production, and assessment of products, services, and systems and how they are applied to manufacturing. Coursework includes working in CAD to complete designs, writing programmable logic controls for robot systems, designing products using a CNC machine/lathe, working with mechanical, fluid, thermal and electrical systems. Students will understand quality-control systems through the use of industrial standards and Pareto charts.

CERTIFICATION: Certified SolidWorks Associate

Manufacturing Engineering Technology II (1 credit)

Students will reinforce, apply, and transfer knowledge and skills to develop systems using electrical controls and pneumatics or hydraulics devices, troubleshoot programmable logic controls for robot systems and develop a product on a CNC machine/lathe. Coursework includes using mathematical processes to analyze mathematical relationships, communicate ideas, and justify mathematical ideas/arguments.

Practicum in Manufacturing (2 credits)

This course is designed to provide practical application of knowledge and skills gained in prior courses. Students will work to build a professional portfolio showcasing their knowledge and skills while working with their teacher and mentor to plan a large-scale project planning, managing and performing the processing of materials into final products.

Check out our Advanced Manufacturing Program video on YouTube to learn more!





Transportation, Distribution, and Logistics

- **Aviation and Aeronautics Academy**
- *Opening in 2027:* **Transportation, Automation & Logistics Academy**

Aviation and Aeronautics Academy

Located at V.R. Eaton High School

Study the principles and science of flight and explore the dynamic fields of modern military and commercial aviation with an emphasis on Federal Aviation Administration (FAA) standards. Upper-level students will choose a track in aviation maintenance, drone operation or private piloting.

ACADEMY TRACKS AND COURSE SEQUENCES

Introduction to Aerospace and Aviation [1 HS Credit]

Introduction to Aircraft Technology [1 HS Credit]

Aviation Maintenance	Aviation Flight: Unmanned Pilot (Drone)	Aviation Flight: Manned Pilot
Aircraft Airframe Technology with Lab [3 HS Credits/ Dual Credit]	**Introduction to Unmanned Aerial Vehicles [1 HS Credit]**	**Aviation Ground School [1 HS Credit]**
Aircraft Powerplant Technology with Lab [3 HS Credits/ Dual Credit]	**Practicum in Transportation Systems [2 HS Credits]**	**Practicum in Transportation Systems/Extended Practicum [Simulator: 2 HS Credits; TCC: 3 HS Credits/ Dual Credit]**

CERTIFICATIONS: Vary by program - FAA Private Pilot, FAA Small Unmanned Aircraft, FAA AMT-General. Additional advanced certifications are available on a per-student basis.

**Dual Credit courses taken at TCC Northwest Campus. See details, additional opportunities, and extended course options in the NISD Academic Planning Guide, pages 203-212.*

Check out our Aviation and Aeronautics Academy video on YouTube to learn more!



Transportation, Automation and Logistics Academy

Opening Fall of 2027 at Davis High School

This new academy will prepare students for high-demand careers in transportation, automation, and logistics. Built around the region's strengths as a global logistics hub, students will gain hands-on experience in automotive technologies, diesel mechanics, automation, software programming, and supply chain operations.

Students will train in state-of-the-art facilities including automotive and diesel bays, programming labs, and an innovative makerspace equipped with advanced automation and logistics technologies. Curriculum emphasizes industry-standard processes, safety procedures, and emerging technologies such as electric, hybrid, and autonomous vehicles.

ACADEMY COURSE SEQUENCES

CAREER AWARENESS LEARNING ABOUT WORK	CAREER EXPLORATION LEARNING ABOUT WORK	CAREER PREPARATION LEARNING THROUGH WORK	CAREER TRAINING LEARNING FOR WORK
9th Grade Principles of Transportation Course* [1 credit]	**10th Grade Automotive Course* [2 credits]**	**11th Grade Automotive Course* [2 credits]**	**12th Grade Automotive Course* [2 credits]**

** To be adopted by the NISD Board of Trustees in the 2026-2027 School Year and subsequent years.*

CERTIFICATIONS: A variety of industry-based certifications from the National Institute for Automotive Service Excellence (ASE) will be offered.

Visit our website at www.nisdcte@nisdtx.org/academies to learn more!



Industry-Based Certifications

Northwest ISD high school students earned more than **7,600** industry certifications during the 2025-26 school year. Aligned with industry standards, these certifications demonstrate the skills and knowledge students gain through their CTE courses — providing them with a competitive advantage for the workforce and beyond.

AGRICULTURE, FOOD, AND NATURAL RESOURCES

- AWS Certified D9.1 Sheet Metal Welder
- BASF Plant Science
- Certified Veterinary Assistant, Level 1
- Elanco Fundamentals of Animal Science
- Elanco Veterinary Medical Applications
- Texas State Florists' Association Knowledge Base, Level 1, and Level 2

ARCHITECTURE AND CONSTRUCTION

- Autodesk AutoCAD and Revit Certified User
- National Center for Construction Education and Research (NCCER) Core

ARTS, A/V TECHNOLOGY & COMMUNICATIONS

- Adobe Photoshop, Illustrator, InDesign, and Premiere Pro

BUSINESS, MARKETING, AND FINANCE

- Entrepreneurship & Small Business (ESB)
- Microsoft Office: Excel, PowerPoint, and Word
- Professional Communication Skills (CCS)

EDUCATION AND TRAINING

- AAFCS Pre-PAC in Early Childhood Education
- Child Development Associate
- Educational Aide 1

ENGINEERING

- Autodesk AutoCAD, Fusion 360, and Revit Certified User
- Certified Entry-Level Python Programmer (PCEP)
- Certified SolidWorks Associate

HEALTH SCIENCE

- BACE (Biotechnology Aptitude & Competency Exam)
- Certified EKG Technician
- Certified EMT (Emergency Medical Technician)
- Certified CMA (Clinical Medical Assistant)

HOSPITALITY AND TOURISM

- Certified Fundamentals Cook - American Culinary Federation
- Culinary Arts Level 1 Certificate
- ServSafe Food Handler and Manager

HUMAN SERVICES

- Community Health Worker
- Texas Cosmetology Operator License
- Texas Class B Barbering License

INFORMATION TECHNOLOGY

- Certified Entry-Level Python Programmer (PCEP)
- Certified Associate in Python Programming (PCAP)

MANUFACTURING

- Certified SolidWorks Associate
- SACA C-101 Certified Industry 4.0 Associate - Basic Operations

TRANSPORTATION, DISTRIBUTION, AND LOGISTICS

- FAA AMT-General (Aviation Maintenance Technician)
- FAA Small Unmanned Aircraft (Part 107)
- FAA Private Pilot License

**NOTE: Certification options are specific to each course and are embedded as part of CTE program curriculum.*

A BIG THANK YOU TO EACH OF OUR 2025-2026 INTERNSHIP PARTNERS!

A Mother's Love Childcare
AlphaBEST Education
Argyle Veterinary Hospital
Avondale Haslet Animal Clinic
Boat Club Road Animal Hospital
Bell
Bonds Ranch Animal Medical Center
Camp Fire First Texas
communitystorehouse
Creekside 24/7 Pet Care Center
Defender Supply
dogtopia.
Flower Mound Fire
FOTP Kids Preschool
Fur Baby Grooming
Haslet elite Learning Center
HVC Haslet Veterinary Clinic
Hill & Wilkinson General Contractors
Justin Fine Arts Preschool
Kids R Kids Learning Academies
KVH Krum Veterinary Hospital
Lewisville Fire Department
Little Country Daycare & Preschool
Little Leaf Animal Hospital
Milestone Church
Northlake Pet Hospital
NRH Fire Department
Northstar Builders Group
CTE Northwest ISD Kelly W. Box Agricultural Science Center
NEF Northwest ISD Education Foundation
NISD Technology Division
Northwest Independent School District Transportation
Parker County Hospital District EMS
Ponder Veterinary Hospital
Premier Designs Flooring
Rickords Animal Hospital
Roanoke Fire Dept
School of EMS
Southlake Animal Hospital
Summerfields Animal Hospital
Texas Health Harris Methodist Hospital Alliance
TEXTRON
The Academy Northlake
The Academy Timberbrook
The Goddard School For Early Childhood Development
Trophy Club Animal Hospital
Trophy Bloom Floral Couture & Events
vetoquinol Achieve More Together
Wonderland Montessori
Woodland Springs Veterinary Hospital

Check out our Internship Program video on YouTube to learn more about internship opportunities!



Northwest
INDEPENDENT SCHOOL DISTRICT

NISD STUDENT INTERN SPONSORS

EARLY LEARNING AND TEACHING & TRAINING SCHOOLS

Adams Middle
Beck Elementary
Berkshire Elementary
Chisholm Trail Middle
Curtis Elementary
Granger Elementary
Haslet Elementary
Hatfield Elementary
Justin Elementary
Lakeview Elementary
Love Elementary
Medlin Middle
Nance Elementary
Pike Middle
Prairie View Elementary
Roanoke Elementary
Schluter Elementary
Sendera Ranch Elementary
Tidwell Middle
Wilson Middle
Worthington Middle

HEALTH SCIENCE CAMPUS CLINICS

Adams Middle
Beck Elementary
Berkshire Elementary
Carter Elementary
Chisholm Trail Middle
Cox Elementary
Curtis Elementary
Daniel Elementary
Granger Elementary
Haslet Elementary
Hatfield Elementary
Hughes Elementary
JC Thompson Elementary
Justin Elementary
Lakeview Elementary
Lance Thompson Elementary
Love Elementary
Medlin Middle
Nance Elementary
Perrin Elementary
Peterson Elementary
Pike Middle
Praire View Elementary
Roanoke Elementary
Schluter Elementary
Sendera Ranch Elementary
Seven Hills Elementary
Thompson Elementary
Tidwell Middle
Wilson Middle
Worthington Middle

CAMPUS-BASED STUDENT ENTERPRISES

BYRON BISTRO

★ BYRON NELSON ★
BOBCAT DESIGNS

BYRON
BLOOMS

COSMETOLOGY ACADEMY
NISD CTE

EATON
FLORAL EXPRESSIONS

EATON
METAL DESIGNS

EATON Pet Spa

NORTHWEST
TEXAN INK

NORTHWEST
TEXAN DESIGNS

TEXAN
FLOWERS

TEXAN Pet Spa

NORTHWEST ISD
Career & Technical Education

Want more info?

VISIT OUR WEBSITE **www.nisdtx.org/cte**

FOLLOW US ON SOCIAL MEDIA

NISD CTE **@nisdcte** **@nisdcte** **NISD CTE**

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TRANSLATED PDFS OF THIS BOOKLET

Northwest Independent School District Career & Technical Education Non-Discrimination Notice

The Northwest Independent School District offers career and technical education programs in Agriculture, Food & Natural Resources, Architecture & Construction, Arts, A/V Technology & Communications, Business, Marketing & Finance, Education & Training, Health Science, Hospitality & Tourism, Human Services, Manufacturing, Information Technology, STEM, and Transportation, Distribution & Logistics. Admission to these programs is based on open enrollment for all pathways. School of choice academies require additional requests.

It is the policy of the Northwest Independent School District not to discriminate on the basis of race, color, national origin, sex, or handicap in its vocational programs, services or activities and provides equal access to the Boy Scouts and other designated youth groups 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 Northwest 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.

The Northwest 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.

Individuals may report concerns or questions under Title IX to Cynthia Hollis , Executive Director of Student Affairs and Title IX Coordinator, 2001 Texan Dr. Justin, TX 76247, (817)215-0567, cynthia.hollis@nisdtx.org. Individuals may report concerns or questions under ADA/Section 504 to Lilia Vasquez, 504/At Risk Coordinator, 2001 Texan Dr. Justin, TX 76247, (817)698-1067, lilia.vasquez@nisdtx.org. The notice of the district nondiscrimination is located at https://www.nisdtx.org/about-nisd/student-affairs.

NORTHWEST ISD
Career & Technical Education

PO Box 77070 | Fort Worth, TX 76177

nisdtx.org/cte | 817-215-0000