

CAREER & TECHNICAL EDUCATION - PROGRAMS OF STUDY - AT A GLANCE						
PROGRAM OF STUDY		LEVEL 1	LEVEL 2	LEVEL 3	LEVEL 4	ALIGNED IBC
AGRICULTURE, FOOD, AND NATURAL RESOURCES						
AGRICULTURAL TECHNOLOGY AND MECHANICAL SYSTEMS		Principles of Agriculture, Food, and Natural Resources	Agricultural Mechanics and Metal Technologies	Agricultural Structures Design and Fabrication*	Practicum in Agriculture, Food, and Natural Resources Career Preparation for Programs of Study	*American Welding Society
ANIMAL SCIENCE			Small Animal Management Entrepreneurship I	Livestock and Poultry Production	Practicum in Agriculture, Food, and Natural Resources* Veterinary Science <i>Practicum in Entrepreneurship</i> Career Preparation for Programs of Study	*Certified Veterinary Assistant Level 1 *Elanco Veterinary Medical Applications
PLANT SCIENCE			Landscape Design and Management Entrepreneurship I	Floral Design* Horticultural Science	Advanced Floral Design** Practicum in Agriculture, Food, and Natural Resources** <i>Practicum in Entrepreneurship</i> Career Preparation for Programs of Study	*Texas State Florists' Association Knowledge Based **Texas State Florists' Association Level 1 **Texas State Florists' Association Level 2
ARCHITECTURE AND CONSTRUCTION						
ARCHITECTURAL DRAFTING AND DESIGN	ARCHITECTURAL DESIGN TRACK	<i>Principles of Architecture</i> <i>Principles of Construction</i>	<i>Architectural Design I*</i> <i>Computer Aided Drafting for Architecture</i>	<i>Architectural Design II**</i>	Career Preparation for Programs of Study New course coming soon	*Autodesk Certified User in AutoCAD **Adobe Certified User in Revit Architecture
	INTERIOR DESIGN TRACK		Interior Design I	New course coming soon		
CONSTRUCTION TECHNOLOGY		<i>Principles of Architecture*</i> <i>Principles of Construction*</i>	<i>Construction Technology I</i> Entrepreneurship I	New course coming soon	Career Preparation for Programs of Study <i>Practicum in Entrepreneurship</i> New course coming soon	*NCCER Core
BUILDING MAINTENANCE			<i>Building Maintenance Technology I</i>	New course coming soon	Career Preparation for Programs of Study New course coming soon	
ARTS, AUDIO VISUAL TECHNOLOGY, AND COMMUNICATIONS						
AUDIO/VIDEO PRODUCTION		Principles of Arts, Audio/Video Technology, and Communications Professional Communications	<i>Audio/Video Production I*</i> <i>Digital Audio Technology I</i> Entrepreneurship I	<i>Audio/Video Production II + Lab*</i>	<i>Practicum in Entrepreneurship</i> Career Preparation for Programs of Study	*Adobe Certified Professional in Premiere Pro
DESIGN AND MEDIA	FASHION DESIGN TRACK	Principles of Arts, Audio/Video Technology, and Communications	Fashion Design I Entrepreneurship I	Fashion Design II + Lab		*Adobe Certified Professional in Illustrator/Photoshop **Adobe Certified Professional in Illustrator/InDesign/Photoshop
	GRAPHIC DESIGN TRACK		<i>Graphic Design and Illustration I*</i> <i>Digital Design and Media Production</i> Entrepreneurship I	<i>Graphic Design and Illustration II + Lab**</i>		
	ANIMATION TRACK	Principles of Arts, Audio/Video Technology, and Communications Video Game Design	Animation I Entrepreneurship I	New courses coming soon		
	VIDEO GAME PROGRAMMING TRACK		Video Game Programming Entrepreneurship I			
BUSINESS, MARKETING, AND FINANCE						
ACCOUNTING AND FINANCIAL SERVICES		Principles of Business, Marketing, and Finance Foundations of Business Communications and Technology	Accounting I Entrepreneurship I	Accounting II Honors*	<i>Practicum in Entrepreneurship</i> Career Preparation for Programs of Study	*Intuit Quickbooks Certified User
BUSINESS MANAGEMENT			Business Communications and Technology** Business Law Entrepreneurship I*	Global Business		*Entrepreneurship and Small Business **Microsoft Office Specialist: Access Expert/Excel Expert/Word Expert
ENTREPRENEURSHIP			Entrepreneurship I*	Entrepreneurship II		*Entrepreneurship and Small Business
MARKETING AND SALES		Principles of Business, Marketing, and Finance	Entrepreneurship I* Fashion Marketing Sports and Entertainment Marketing	Social Media Marketing**		*Entrepreneurship and Small Business
EDUCATION AND TRAINING						
TEACHING AND TRAINING		Principles of Human Services	Child Development	Instructional Practices (Intro to Teaching)*	Practicum in Education and Training* Career Preparation for Programs of Study	*Educational Aide I
ENGINEERING						
ENGINEERING FOUNDATIONS		Principles of Applied Engineering Introduction to Computer-Aided Design and Drafting	No current Level 2 course	Engineering Design and Presentation I Digital Electronics Engineering Science*	Engineering Design and Problem Solving* Career Preparation for Programs of Study	*Engineering Technology Foundations
Courses listed in italics are offered at the Plano ISD CTE Center. For more information, visit our website: www.pisd.edu/cte-programs-of-study						
					Updated October 2025 (for 2026-2027 school year)	

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HEALTH SCIENCE						
HEALTH SCIENCE	NURSING, DIAGNOSTIC, & THERAPEUTIC SERVICES TRACK	Principles of Health Science	Medical Terminology	Anatomy and Physiology Health Science Theory	Practicum in Health Science I Practicum in Health Science II* Pharmacology** Career Preparation for Programs of Study	*Patient Care Technician **Pharmacy Technician
	RADIOLOGY TRACK		Imaging Technology I Medical Terminology	Health Science Theory New course coming soon Anatomy and Physiology	New course coming soon Career Preparation for Programs of Study	Limited Medical Radiologic Technologist
	EMT TRACK		Medical Terminology	Health Science Theory Anatomy and Physiology	Extended Practicum in EMT* Career Preparation for Programs of Study	*Emergency Medical Technician - Basic
HOSPITALITY AND TOURISM						
CULINARY ARTS		Introduction to Culinary Arts	Culinary Arts Entrepreneurship I	Advanced Culinary Arts*	Practicum in Culinary Arts Practicum in Entrepreneurship Food Science** Career Preparation for Programs of Study	*ServSafe Manager **Pre-Professional Certification in Food Science Fundamentals
HOSPITALITY AND TOURISM MANAGEMENT			Travel and Tourism Management Entrepreneurship I* Sports and Entertainment Marketing	Tourism Marketing Concepts and Applications Global Business	Practicum in Entrepreneurship Career Preparation for Programs of Study	*Entrepreneurship and Small Business
HUMAN SERVICES						
TONI&GUY COSMETOLOGY		No Level 1 course	Introduction to Cosmetology Entrepreneurship I	Cosmetology I	Cosmetology II + Lab* Career Preparation for Programs of Study Practicum in Entrepreneurship	*Cosmetology Operator License
HEALTH AND WELLNESS		Dollars and Sense Principles of Human Services	Child Development Lifetime Nutrition and Wellness Entrepreneurship I	Counseling and Mental Health	Food Science* Career Preparation for Programs of Study Practicum in Entrepreneurship	*Pre-Professional Certification in Food Science Fundamentals
INFORMATION TECHNOLOGY						
CYBERSECURITY		Foundations of Cybersecurity Fundamentals of Computer Science	Internetworking Technologies I AP Computer Science Principles Computer Science I	Digital Forensics Internetworking Technologies II AP Computer Science A	Career Preparation for Programs of Study New courses coming soon	IBC coming 2027-28
PROGRAMMING AND SOFTWARE DEVELOPMENT		Fundamentals of Computer Science	AP Computer Science Principles Computer Science I Entrepreneurship I	AP Computer Science A Computer Science II	Computer Science III Honors* Career Preparation for Programs of Study Practicum in Entrepreneurship	*Information Technology Specialist: Java
LAW AND PUBLIC SERVICE						
LAW ENFORCEMENT		Principles of Law, Public Safety, Corrections, and Security	Law Enforcement I	Law Enforcement II* Counseling and Mental Health	Forensic Science Career Preparation for Programs of Study	*IAED Emergency Telecommunicator
MANUFACTURING						
ELECTRONICS TECHNOLOGY		Principles of Manufacturing* Blueprint Reading for Manufacturing Applications Principles of Applied Engineering	AC/DC Electronics	New course coming soon	CTE Project Based Research (course required for program but does not count toward CTE Completer status) Career Preparation for Programs of Study New course coming soon	*NCCER Core
ROBOTICS TECHNOLOGY		Principles of Manufacturing Blueprint Reading for Manufacturing Applications (course required for program but does not count toward CTE Completer status) Principles of Applied Engineering	Robotics I Manufacturing Engineering Technology I	New courses coming soon	Career Preparation for Programs of Study New course coming soon	IBC coming 2027-28
WELDING		Principles of Manufacturing* Introduction to Welding	Welding I** Entrepreneurship I	New course coming soon	Career Preparation for Programs of Study Practicum in Entrepreneurship New course coming soon	*NCCER Core **American Welding Society
TRANSPORTATION, DISTRIBUTION, AND LOGISTICS						
AUTOMOTIVE AND COLLISION REPAIR	AUTOMOTIVE TECHNOLOGY TRACK	Basic Collision Repair and Refinishing	Automotive Basics Entrepreneurship I	Automotive Technology I: Maintenance and Light Repair*	Automotive Technology II: Automotive Service* Career Preparation for Programs of Study Practicum in Entrepreneurship	*ASE Entry-Level: Automotive Series **ASE Entry-Level: Collision Series
	PAINT AND COLLISION REPAIR TRACK	Basic Collision Repair and Refinishing	Collision Repair** Automotive Basics Entrepreneurship I	Paint and Refinishing**	Career Preparation for Programs of Study Practicum in Entrepreneurship New course coming soon	