

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	*Elanco Veterinary Medical Applications **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/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>	<i>Practicum in Architectural Design</i> Career Preparation for Programs of Study	*Autodesk Certified User in AutoCAD/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	*IBC to be determined
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 Audio/Video Production</i> <i>Practicum in Entrepreneurship</i> Career Preparation for Programs of Study	*Adobe Certified Professional in Premiere Pro **Adobe Certified Professional in Premiere Pro/After Effects
DESIGN AND MEDIA	FASHION DESIGN TRACK	Principles of Arts, Audio/Video Technology, and Communications	Fashion Design I Entrepreneurship I	Fashion Design II + Lab	<i>Practicum in Entrepreneurship</i> Career Preparation for Programs of Study	*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 **Adobe Certified Professional in Content Creation and Marketing Using Adobe Express
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 Engineering Computer-Aided Design and Drafting	Aerospace Design 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. Asterisks indicate course in which an IBC is offered within a program. For more information, visit our website: www.pisd.edu/cte-programs-of-study						
						Updated October 2026 (for 2027-2028 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		Medical Terminology	Health Science Theory Anatomy and Physiology	Practicum in Health Science I* 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 Hotel Management Entrepreneurship I* Sports and Entertainment Marketing	Hospitality Services** Global Business	Practicum in Entrepreneurship Career Preparation for Programs of Study	*Entrepreneurship and Small Business **NOCTI Travel and Tourism
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	Cybersecurity Capstone** Career Preparation for Programs of Study	*CompTIA Network+ **CompTIA Security
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 <small>(course required for program but does not count toward CTE Completer status)</small> Career Preparation for Programs of Study New course coming soon	*IBC to be determined
ROBOTICS TECHNOLOGY		Principles of Manufacturing Blueprint Reading for Manufacturing Applications <small>(course required for program but does not count toward CTE Completer status)</small> Principles of Applied Engineering	Robotics I Manufacturing Engineering Technology I	Robotics II* Manufacturing Engineering Technology II*	Career Preparation for Programs of Study New course coming soon	*IBC to be determined
WELDING		Principles of Manufacturing Introduction to Welding	Welding I* Entrepreneurship I	Welding II	Career Preparation for Programs of Study Practicum in Entrepreneurship New course coming soon	*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	
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