2025-26

KELLER ISD CTE

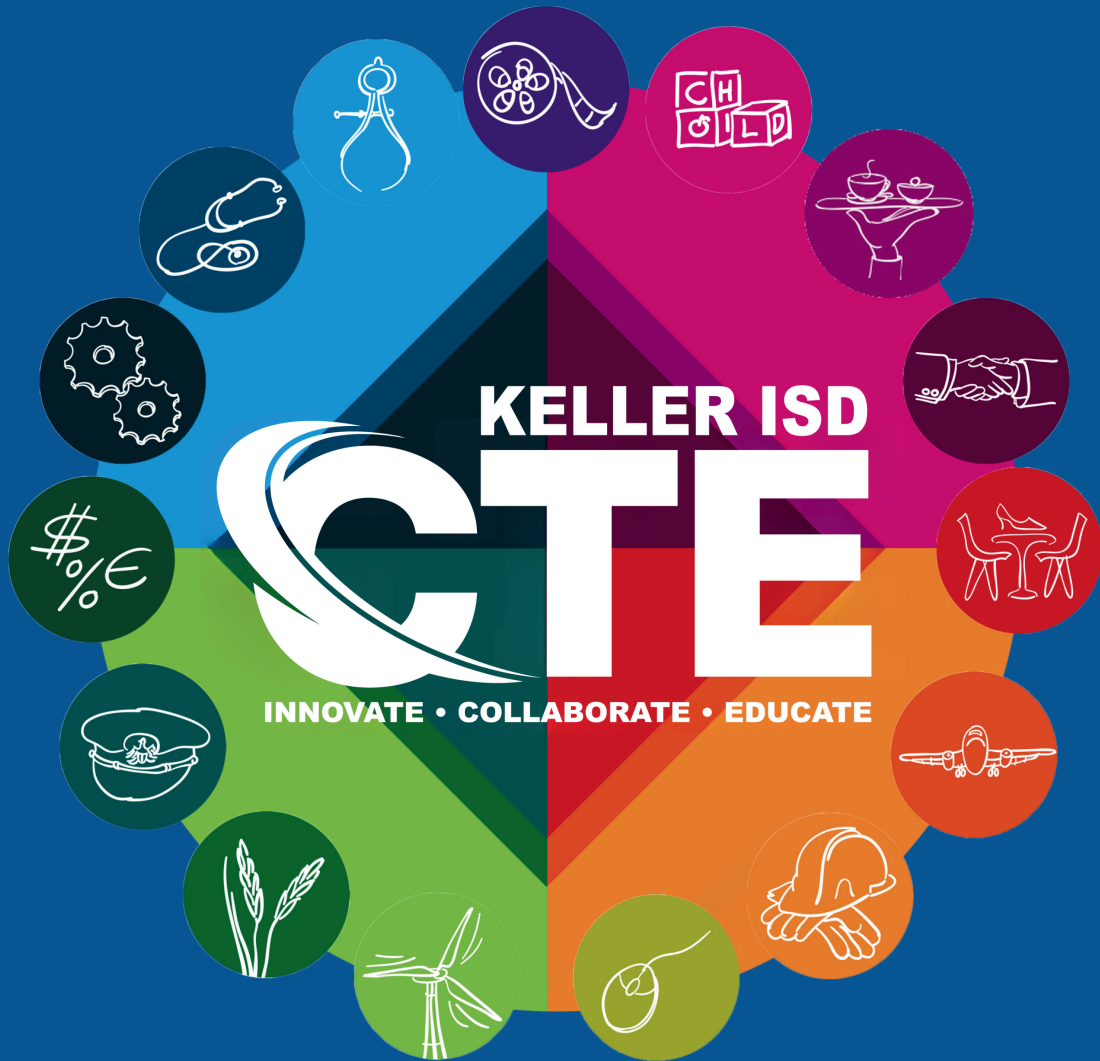INNOVATE • COLLABORATE • EDUCATE

Programs of Study

Keller ISD Career & Technical Education (CTE)

Business & Industry Endorsement	Public Services Endorsement	STEM Endorsement
• Accounting & Financial Services • Architectural Design • Automotive • Business Management • Construction Technology • Culinary Arts • Design & Multimedia Arts • Digital Communications • Electrical Technology • Floral Design • HVAC (Heating, Ventilation & Air Conditioning) • Interior Design • Marketing • Networking & Cybersecurity • Plumbing Technology • Veterinary Studies • Welding	• Cosmetology • Health Science: Medical Lab Assistant • Health Science: Certified Nursing Assistant • Health Science: Clinical Rotations • Health Science: Emergency Medical Technician • Health Science: Pharmacy • Health Science: Exercise Science & Sports Medicine • Law Enforcement • Legal Studies • Teaching and Training	• Networking & Cybersecurity • Engineering • Programming & Software Development

For more information about CTE programs of study please visit with your counselor, contact the CTE department, or visit the resouces below:

Learn more about CTE in KISD
kellerisd.net/cte

Visit the full KISD Course Guide
kellerisd.net

Programs ONLY at the Keller Center for Advanced Learning (KCAL)

Program	9th Grade	10th Grade	11th Grade	12th Grade	Optional Electives
Architectural Design	Principles of Architecture	Architectural Design 1	Architectural Design 2	Practicum in Architectural Design	Civil Engineering & Architecture SR&D: Unmanned Aerial Vehicles
Automotive	Automotive Basics	Automotive Technology 1	Automotive Technology 2	Practicum in Transportation Systems Career Prep 1	Introduction to Welding Computer Maintenance
Construction Technology	Principles of Construction	Construction Technology 1	Construction Technology 2	Practicum in Construction Technology	Introduction to Welding Entrepreneurship SR&D: Unmanned Aerial Vehicles
Electrical Technology	Principles of Construction	Electrical Technology 1	Electrical Technology 2	Practicum in Construction Technology	Introduction to Welding Construction Technology I Entrepreneurship
Heating, Ventilation, & Air Conditioning (HVAC)	Principles of Construction	HVAC 1 AND Electrical Technology 1	HVAC 2	Practicum in Construction Technology	Introduction to Welding Construction Technology I Entrepreneurship
Interior Design	Principles of Architecture	Interior Design 1	Interior Design 2	Practicum in Interior Design	Architectural Design I Civil Engineering & Architecture
Networking & Cybersecurity	Principles of Information Technology	Networking	Cybersecurity Capstone AND Digital Forensics	Practicum in IT: Networking & Cybersecurity Practicum in IT: Internships	Computer Maintenance Computer Science 1 Honors
Plant Science	Principles of Agriculture, Food, & Natural Resources	Floral Design	Advanced Floral Design	Practicum in Agriculture, Food, & Natural Resources Career Prep 1	Agribusiness Management and Marketing

Programs ONLY at the Keller Center for Advanced Learning (KCAL)

Program	9th Grade	10th Grade	11th Grade	12th Grade	Optional Electives
Plumbing Technology	Principles of Construction	Plumbing Technology 1 AND Pipefitting Technology 1	Plumbing Technology 2	Practicum in Construction Technology	Introduction to Welding Construction Technology I Entrepreneurship
Programming & Software Development	Computer Science 1 Honors	AP Computer Science	Computer Science 2: Python Programming AND/OR Computer Science 3: Video Game Design	Practicum in IT: Video Game Design Practicum in IT: Internships	Computer Maintenance
Veterinary Studies	Principles of Agriculture, Food, & Natural Resources	Veterinary Medical Applications	SRD: Veterinary Clinical Skills AND Advanced Animal Science	Practicum in Agriculture, Food, & Natural Resources Career Prep 1 Livestock Production Wildlife, Fisheries, & Ecology Management Small Animal Management AND Equine Science	Wildlife, Fisheries, & Ecology Management Small Animal Management Equine Science Livestock Production Agribusiness Marketing & Management Introduction to Welding
Welding	Introduction to Welding	Welding 1	Welding 2	Practicum in Manufacturing	Construction Technology 1

Programs ONLY at home campus high schools (CHS, FRHS, KHS, TCHS)

Program	9th Grade	10th Grade	11th Grade	12th Grade	Optional Electives
Accounting & Finance	Principles of Business, Marketing, & Finance	Accounting 1	Business Information Management 1 AND Accounting 2 Honors	Practicum in Business Management	Entrepreneurship Money Matters Business Information Management 2 Statistics & Business Decision Making
Business Management	Principles of Business, Marketing, & Finance	Business Information Management 1 OR Business Management	CHOOSE 2 OR MORE: Business Information Management 1 Business Information Management 2 Business Management Statistics & Business Decision Making	Practicum in Business Management Business Management Statistics & Business Decision Making Business Information Management 2 Career Prep 1	Entrepreneurship Money Matters
Marketing	Principles of Business, Marketing, & Finance	Advertising AND 1 or more from below: Social Media Marketing Sports & Entertainment Marketing Fashion Marketing	Advanced Marketing	Practicum in Marketing Statistics & Business Decision Making Career Prep 1	Entrepreneurship Money Matters Business Information Management
Teaching & Training	Principles of Education & Training	Child Development	Instructional Practices	Practicum in Education & Training	Counseling and Mental Health

Program	9th Grade	10th Grade	11th Grade	12th Grade	Optional Electives
Cosmetology	N/A	Professional Communications AND Entrepreneurship	Cosmetology 1	Cosmetology 2 AND Practicum in Entrepreneurship	
Culinary Arts	Introduction to Culinary Arts	Culinary Arts	Advanced Culinary Arts	Practicum in Culinary Arts Career Prep 1	Lifetime Nutrition & Wellness
Design & Multimedia Arts	Principles of Arts, AV Technology, & Communications Animation 1 Graphic Design & Illustration 1	Animation 1 Graphic Design & Illustration 1 Animation 2/Lab Graphic Design & Illustration 2/Lab	Animation 1 Graphic Design & Illustration 1 Animation 2/Lab Graphic Design & Illustration 2/Lab Practicum in Animation Practicum in Graphic Design & Illustration	Animation 2/Lab Graphic Design & Illustration 2/Lab Practicum in Animation Practicum in Graphic Design & Illustration	Commercial Photography Social Media Marketing
Digital Communications	Principles of Arts, AV Technology, & Communications Audio/Video Production 1	Audio/Video Production 1 Audio/Video Production 2/Lab	Audio/Video Production 2/Lab Practicum in Audio/Video Production	Practicum in Audio/Video Production Practicum in Audio/Video Production 2	Commercial Photography SR&D: Unmanned Aerial Vehicles
Engineering	Introduction to Engineering Design	Engineering Science (PLTW: Principles of Engineering)	CHOOSE 2 or MORE: Aerospace Engineering Digital Electronics Honors Civil Engineering & Architecture Robotics 1 SRD: Intro to Unmanned Aerial Vehicles	OPTION 1: Practicum in STEM OPTION 2: Engineering Design & Problem Solving Honors AND 1 or more of the following: Robotics 2 Computer Integrated Manufacturing Aerospace Engineering Digital Electronics Honors Civil Engineering & Architecture	Introduction to Welding

Program	9th Grade	10th Grade	11th Grade	12th Grade	Optional Electives
Health Science: Certified Nursing Assistant (CNA)	Medical Terminology	Health Science Theory	Anatomy & Physiology AND Practicum in Health Science: CNA	Practicum in Health Science: Patient Care Technician (PCT) Practicum in Health Science: Clinical Medical Assistant (CMA)	Pathophysiology Medical Microbiology Pharmacology
Health Science: Clinical Rotations	Medical Terminology	Health Science Theory	Anatomy & Physiology AND Practicum in Health Science: Clinical Rotations	Practicum in Health Science: Patient Care Technician (PCT) Practicum in Health Science: Clinical Medical Assistant (CMA)	Pathophysiology Medical Microbiology Pharmacology
Health Science: Emergency Medical Technician (EMT)	Medical Terminology	Health Science Theory	Anatomy & Physiology AND Pathophysiology	Practicum in Health Science: Emergency Medical Technician (EMT) Practicum in Health Science: Patient Care Technician (PCT) Practicum in Health Science: Clinical Medical Assistant (CMA)	Medical Microbiology Pharmacology
Health Science: Exercise Science & Sports Medicine	Medical Terminology	Health Science Theory AND Kinesiology 1	Anatomy & Physiology AND Kinesiology 2	Practicum in Health Science: Exercise Science & Sports Medicine Practicum in Health Science: Patient Care Technician (PCT) Practicum in Health Science: Clinical Medical Assistant (CMA)	Pathophysiology Medical Microbiology Pharmacology
Health Science: Medical Lab Assistant (MLA)	Medical Terminology	Health Science Theory	Anatomy & Physiology AND Medical Microbiology	Practicum in Health Science: Medical Lab Assistant (MLA) Practicum in Health Science: Patient Care Technician (PCT) Practicum in Health Science: Clinical Medical Assistant (CMA)	Pathophysiology Pharmacology

Programs split between home campus high schools and KCAL
Courses in BLUE are at KCAL; Courses in BLACK are at home campus

Program	9th Grade	10th Grade	11th Grade	12th Grade	Optional Electives
Health Science: Pharmacy	Medical Terminology	Health Science Theory	Anatomy & Physiology AND Pharmacology	Practicum in Health Science: Pharmacy Practicum in Health Science: Patient Care Technician (PCT) Practicum in Health Science: Clinical Medical Assistant (CMA)	Pathophysiology Medical Microbiology
Law Enforcement	Principles of Law, Public Safety, Corrections, & Security	Law Enforcement 1	Forensic Science AND Forensic Psychology	Practicum in Law: Law Enforcement	Court Systems & Practices
Legal Studies	Principles of Law, Public Safety, Corrections, & Security	Court Systems & Practices	Advanced Legal Skills and Professions	Practicum in Law: Legal Studies	Forensic Science OR Forensic Psychology

Middle School CTE Courses

Grade Level	Course	Credits	High school credit?	Course Number
7th Grade	Principles of STEM and Applied Engineering	1 Credit	Yes	0800
8th Grade	Engineering Essentials	1 Credit	Yes	0801
7th/8th Grade	Digital Media	1 Credit	Yes	0370
8th Grade	Advisory - Project Based Research	1 Credit	Yes	8555
Virtual course through KISD iChoose	Entrepreneurship	1 Credit	Yes	Z0822X
Virtual course through KISD iChoose	Interpersonal Studies	.5 Credit	Yes	Z8823X
Virtual course through KISD iChoose	Principles of Business, Marketing & Finance	1 Credit	Yes	Z080X
Virtual course through KISD iChoose	Principles of Health Science	1 Credit	Yes	Z081X
Virtual course through KISD iChoose	Professional Communications	.5 Credit	Yes	Z0465X
Virtual course through KISD iChoose	Lifetime Nutrition & Wellness	.5 Credit	Yes	Z0825X
Virtual course through KISD iChoose	Touch System Data Entry	.5 Credit	Yes	Z0828X