2027-28

Programs of Study









KELLER ISD CTE
INNOVATE • COLLABORATE • EDUCATE

Keller ISD Career & Technical Education (CTE)

KELLER ISD

Business & Industry Endorsement

- Accounting & Financial Services
- Architectural Design
- Animation
- Automotive
- Business Management
- Construction Technology
- Culinary Arts
- Digital Communications
- Electrician
- HVAC Technician
- Graphic Design
- Interior Design
- Marketing
- Networking & Cybersecurity
- Plant Science/Floral Design
- Plumbing Technology
- Veterinary Studies
- Welding

Public Services Endorsement

- Cosmetology
- Health Science: Lab Tech
- 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

STEM Endorsement

- Networking & Cybersecurity
- Engineering
- Programming & Software Development

Military Ready

- Air Force JROTC

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

Learn more about CTE in KISD
kellerisd.net/cte

Visit the full KISD Course Guide
kellerisd.net

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	Intro to Aerospace Engineering and Aviation	1 Credit	Yes	0802
7th or 8th Grade	Digital Media	1 Credit	Yes	0370
8th Grade	Project Based Research (PBR)	1 Credit	Yes	8555
Virtual - 8th Grade	Entrepreneurship	1 Credit	Yes	Z0822X
Virtual - 8th Grade	Principles of Business, Marketing & Finance	1 Credit	Yes	Z080X
Virtual - 8th Grade	Principles of Health Science	1 Credit	Yes	Z081X
Virtual - 8th Grade	Professional Communications	.5 Credit	Yes	Z0465X
Virtual - 8th Grade	Lifetime Nutrition & Wellness	.5 Credit	Yes	Z0825X

High School CTE Electives (Open to Any High School Student)

Credits	Course	Course Length	Course Number	Notes
0.5	Professional Communications	1 Semester	1465	21st Century Skill
1	Entrepreneurship	1 Semester	82533	21st Century Skill
1	Money Matters	Full Year	81600	
1	Floral Design	Full Year	81800	Fine Arts Credit
0.5	Lifetime Nutrition & Wellness	1 Semester	82101	
1	BIM 1 - Foundations of Business Communication	Full Year	81401	Certification Opportunity
0.5	Social Media Marketing	1 Semester	82505	Certification Opportunity
0.5	Sports & Entertainment Marketing	1 Semester	82504	
1	Counseling & Mental Health	Full Year	82102	
1	Anatomy & Physiology	Full Year	3203; 3204 (Honors)	Science Credit
1	Forensic Science	Full Year	82420; 82430 (Honors)	Science Credit

Virtual High School CTE Courses

Grade Level	Course	Credits	Course Length	Course Number
Any	Professional Communications	0.5	1 Semester	Z1465
Any	Entrepreneurship	1	1 Semester	Z82533
Any	Money Matters	1	Full Year	Z8160
10, 11, or 12	BIM 1 - Foundations of Business Communication	1	Full Year	Z8401
9, 10, or 11	Principles of Business, Marketing, & Finance	1	Full Year	Z8140
10, 11, or 12	Forensic Science	1	Full Year	Z8833; Z8243 (Honors)
10, 11, or 12	Anatomy & Physiology	1	Full Year	Z3203; Z3213 (Honors)
9, 10, or 11	Medical Terminology	1	Full Year	Z8180

Air Force JROTC

Program	9th Grade	10th Grade	11th Grade	12th Grade	Notes
Air Force JROTC	ROTC 1	ROTC 2	ROTC 3	ROTC 4	This program is offered at Central High School for all KISD high school students

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	Interior Design 1 Interior Design 2 Career Prep 1
Automotive	Automotive Basics	Automotive Technology 1	Automotive Technology 2	Practicum in Transportation Systems	Career Prep 1
Construction Technology	Principles of Construction	Construction Technology 1	Construction Technology 2	Practicum in Construction Technology	Entrepreneurship Career Prep 1
Electrician	Principles of Construction	Electrical Technology 1	Electrical Technology 2	Practicum in Construction Technology	Entrepreneurship Career Prep 1
HVAC Technician	Principles of Construction	HVAC 1 AND Electrical Technology 1	HVAC 2	Practicum in Construction Technology	Entrepreneurship Career Prep 1
Interior Design	Principles of Architecture	Interior Design 1	Interior Design 2	Practicum in Interior Design	Architectural Design 1 Architectural Design 2 Career Prep 1
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 AP Computer Science Career Prep 1
Plant Science	Principles of Agriculture, Food, & Natural Resources	Floral Design	Advanced Floral Design	Practicum in Agriculture (Floral) Practicum in Agriculture (Ag Center)	Horticulture Science Career Prep 1

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 Entrepreneurship Career Prep 1
Programming & Software Development	Computer Science 1 Honors	AP Computer Science	Computer Science 2: Python Programming AND/OR Video Game Design 1	Practicum in IT: Internships Video Game Design 2	Principles of Information Technology Entrepreneurship Career Prep 1
Veterinary Studies	Principles of Agriculture, Food, & Natural Resources	Veterinary Science	SRD: Veterinary Clinical Skills AND Advanced Animal Science OR Advanced Animal Science (Dual Credit)	Practicum in Agriculture (Veterinary) Practicum in Agriculture (Ag Center)	Wildlife, Fisheries, & Ecology Management Small Animal Management Equine Science Livestock and Poultry Production Agribusiness Marketing & Management Career Prep 1
Welding	Introduction to Welding	Welding 1	Welding 2	Practicum in Manufacturing	Entrepreneurship Career Prep 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	BIM 1 - Foundations of Business Communication AND Accounting 2 Honors	Practicum in Business Management	Financial Math Entrepreneurship Money Matters Career Prep 1
Business Management	Principles of Business, Marketing, & Finance	BIM 1 - Foundations of Business Communication Business Management	BIM 1 - Foundations of Business Communication BIM 2 - Business Communications Business Management Statistics & Business Decision Making	Practicum in Business Management Business Management Statistics & Business Decision Making BIM 2 - Business Communications	Entrepreneurship Career Prep 1
Marketing	Principles of Business, Marketing, & Finance	Choose 2 or more: Advertising Social Media Marketing Sports & Entertainment Marketing Fashion Marketing	Advanced Marketing	Practicum in Marketing	Entrepreneurship Statistics & Business Decision Making Career Prep 1
Teaching & Training	Principles of Education & Training	Child Development	Instructional Practices Instructional Practices (Dual Credit)	Practicum in Education & Training Practicum in Education & Training (Dual Credit)	Career Prep 1
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

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
Cosmetology	N/A	Entrepreneurship	Cosmetology 1	Cosmetology 2 AND Practicum in Entrepreneurship	
Culinary Arts	Introduction to Culinary Arts	Culinary Arts	Advanced Culinary Arts	Practicum in Culinary Arts	Entrepreneurship Career Prep 1
Animation	Principles of Arts, AV Technology, & Communications Animation 1	Animation 1 Animation 2	Animation 1 Animation 2 Practicum in Animation	Animation 2 Practicum in Animation	Commercial Photography Graphic Design & Illustration 1 Graphic Design & Illustration 2 Entrepreneurship
Graphic Design	Principles of Arts, AV Technology, & Communications Graphic Design & Illustration 1	Graphic Design & Illustration 1 Graphic Design & Illustration 2	Graphic Design & Illustration 1 Graphic Design & Illustration 2 Practicum in Graphic Design & Illustration	Graphic Design & Illustration 2 Practicum in Graphic Design & Illustration	Commercial Photography Animation 1 Animation 2 Entrepreneurship
Digital Communications	Principles of Arts, AV Technology, & Communications Audio/Video Production 1	Audio/Video Production 1 Audio/Video Production 2	Audio/Video Production 2 Practicum in Audio/Video Production	Practicum in Audio/Video Production Practicum in Audio/Video Production 2	Commercial Photography SR&D: Unmanned Aerial Vehicles
Engineering	Engineering Design Process	Engineering Science	Aerospace Engineering Digital Electronics Honors Civil Engineering Robotics 1 SRD: Intro to Unmanned Aerial Vehicles Computer Integrated Manufacturing	Engineering Design & Problem Solving Honors Practicum in Engineering (Mobile Classroom) Practicum in Engineering (Internships) Practicum in Engineering (Electric Vehicles) Robotics 2	Career Prep 1
Law Enforcement	Principles of Law, Public Safety, Corrections, & Security	Law Enforcement 1	Law Enforcement 2 AND Forensic Science	Practicum in Law Enforcement	Counseling & Mental Health Career Prep 1

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
Legal Studies	Principles of Law, Public Safety, Corrections, & Security	Court Systems & Practices	Advanced Legal Skills and Professions AND Business Management	Practicum in Legal Studies	Forensic Science Career Prep 1
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: Lab Tech	Medical Terminology	Health Science Theory	Anatomy & Physiology AND Medical Microbiology	Practicum in Health Science: Lab Tech Practicum in Health Science: Patient Care Technician (PCT) Practicum in Health Science: Clinical Medical Assistant (CMA)	Pathophysiology Pharmacology
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