

Keller ISD Dual Program Academics

Course Name	Delivery	Credit	Partner Institution	Course Title	College Hours
COMMUNICATION (6 HOURS) CHOOSE TWO COURSES					
Dual English III	HS Campus	1	TCC	ENGL 1301 Composition I	3
				ENGL 1302 Composition II	3
Professional Communications	College Campus/ Online	0.5	TCC	SPCH 1321 Business and Professional Communication	3
MATHEMATICS (3 HOURS) CHOOSE ONE COURSE					
Algebra II	College Campus/ Online	1	TCC	MATH 1314 College Algebra	3
Independent Study in Math (1st time)	College Campus/ Online	1	TCC	MATH 2413 Calculus 1	4
				MATH 2414 Calculus 2	4
OnRamps Pre-Calculus	HS Campus	1	UT-Austin	MATH 2312 Discovering Pre-Calculus	3
OnRamps College Algebra	HS Campus	1	UT-Austin	MATH 1314 College Algebra	3
OnRamps Statistics	HS Campus	1	UT-Austin	MATH 1342 Elementary Statistics	3
Pre-Calculus	College Campus/ Online	1	TCC	MATH 2412 Pre-Calculus Math	4
Statistics	College Campus/ Online	1	TCC	MATH 1342 Elementary Statistical Methods	3
LIFE AND PHYSICAL SCIENCES (6 HOURS) CHOOSE TWO COURSES					
Anatomy & Physiology	College Campus/ Online	1	TCC	BIOL 2401 Anatomy & Physiology 1	4
				BIOL 2402 Anatomy & Physiology 2	4
Microbiology	College Campus/ Online	1	TCC	BIOL 2420 Microbiology	4
OnRamps Physics	HS Campus	1	UT-Austin	PHYS 1301 Mechanics, Heat and Sound: General Physics Technical Course 1	4
				PHYS 1101 Lab for Mechanics, Heat, and Sound	
OnRamps Chemistry	HS Campus	1	UT-Austin	CHEM 1301 Principles of Chemistry 1	4
				CHEM 1104 Lab for Chemical Practices 1	

Physics	College Campus/ Online	1	TCC	PHYS 1405 Elementary Physics I	4
				PHYS 1407 Elementary Physics II	4
Scientific Research & Design	College Campus/ Online	1	TCC	CHEM 1411 General Chemistry I	4
				CHEM 1412 General Chemistry II	4
LANGUAGE, PHILOSOPHY, AND CULTURE (3 HOURS) CHOOSE ONE COURSE					
Dual English IV	HS Campus	1	TCC	ENGL 2322 British Literature I to 1800	3
				ENGL 2323 British Literature II since 1800	3
Dual English IV	College Campus/ Online	1	TCC	ENGL 2332 World Literature I	3
				ENGL 2333 World Literature II	3
Dual French III	College Campus/ Online	1	TCC	FREN 2311 Intermediate French I	3
Dual French IV	College Campus/ Online	1	TCC	FREN 2312 Intermediate French II	3
Dual Spanish III	College Campus/ Online	1	TCC	SPAN 2311 Intermediate Spanish I	3
Dual Spanish IV	College Campus/ Online	1	TCC	SPAN 2312 Intermediate Spanish II	3
CREATIVE ARTS (3 HOURS) CHOOSE ONE COURSE					
Art Appreciation	College Campus/ Online	1	TCC	ARTS 1303 Art History I	3
AMERICAN HISTORY (6 HOURS) CHOOSE TWO COURSES					
Dual US History	HS Campus	1	TCC	HIST 1301 United States History I to 1876	3
				HIST 1302 United States History II since 1876	3
GOVERNMENT/POLITICAL SCIENCE (6 HOURS) CHOOSE TWO COURSES					
Dual US Government	HS Campus, Online	0.5	TCC	GOVT 2305 United States Government	3
Special Topics in Social Studies	College Campus/ Online	0.5	TCC	GOVT 2306 Texas Government	3

SOCIAL AND BEHAVIORAL SCIENCES (3 HOURS) CHOOSE ONE COURSE					
Dual Economics	HS Campus, College Campus/Online	0.5	TCC	ECON 2301 Principles of Macroeconomics <u>OR</u> ECON 2302 Principles of Microeconomics	3
Psychology	College Campus/ Online	0.5	TCC	PSYC 2301 General Psychology	3
Sociology	College Campus/ Online	0.5	TCC	SOCI 1301 Introduction to Sociology	3
COMPONENT AREA OPTION (6 HOURS)					
Overflow Hours: Please note that not all overflow hours from the Texas Core Curriculum will be accepted into the component area option. Refer to the Texas General Education Core Curriculum WebCenter for a specific university or college course acceptance.					

The courses listed above are part of the Texas Core a 42 Semester Credit Hour core curriculum for all undergraduate students in Texas. College courses taken outside of those listed above may not count for high school credit. Students who wish to graduate with an associate's degree will need additional hours as concurrent students.

Keller ISD Dual Program Career and Technology Pathways

The following courses apply to specific pathways. You must contact your college/university for transfer capability.

<u>AGRICULTURE</u>					
Dual Advanced Animal Science	HS Campus	1	Weatherford College	AGRI 1419 Animal Science	4
<u>AVIATION MAINTENANCE TECHNOLOGY: AIRFRAME-AVIA.D002.UG</u>					
Dual Aircraft Airframe Technology	College Campus	2	TCC	AERM 1315 Aviation Science	10
				AERM 1205 Weight and Balance	
				AERM 1310 Ground Operations	
				AERM 1208 Federal Aviation Agency Regulations	
Dual Advanced Aircraft Technology	College Campus	2	TCC	AERM 1314 Basic Electricity	6
				AERM 1303 Shop Practice	
<u>PARALEGAL STUDIES-LEGA.D002.UG</u>					
Dual Court Systems and Practices	HS Campus	1	TCC	LGLA 1307 Introduction to the Law and the Legal Professions	3
				CRIJ 1306 Court Systems and Practices	3

Dual Legal Research and Writing	HS Campus	1	TCC	LGLA 1303 Legal Research	3
				LGLA 1305 Legal Writing	3
PROFESSIONAL PILOT-ATPP.D004.UG					
Practicum in Transportation Systems Age Requirement - 17	College Campus	2	TCC	AIRP 1301 Air Navigation	11
				AIRP 1317 Private Pilot Ground	
				AIRP 1215 Private Flight	
				AIRP 1307 Aviation Meteorology	