

Dual Credit Courses

Lone Star College–CyFair and Cypress-Fairbanks ISD

Subject to change per the Lone Star College and the Texas Higher Education Coordinating Board policies

2020-2021 Academic Courses

College Course <i>2nd digit of course # indicates # of college credit hours</i>	Credit Hours	Contact Hours	High School Credit Course Taken on High School Campus	Course Grade Level
ENGLISH				
ENGL 1301 (Comp and Rhet. 1)	3	48	English III K A (fall)	11
ENGL 1302 (Comp and Rhet. 2)	3	48	English III K B (spring)	11
ENGL 1301 (Comp and Rhet. 1)	3	48	English IV K A (fall)	12
ENGL 1302 (Comp and Rhet. 2)	3	48	English IV K B (spring)	12
ENGL 2322 (Survey of British Lit.)	3	48	AP English IV A (fall)	12
ENGL 2323 (Survey of British Lit.)	3	48	AP English IV B (spring)	12
SPEECH				
SPCH 1311 (Intro to Communication) *	3	48	Communication Applications (fall or spring)	10-12
MATHEMATICS				
MATH 1314 (College Algebra)	3	48	Independent Study in Math (College Algebra K) (full year) 37-week	11 & 12
MATH 1342 (Statistics)	3	48	AP Statistics (full year) 37-week	11 & 12
MATH 1316 (Trigonometry)	3	48	Pre-Calculus K A (fall) 21-week	11 & 12
MATH 2412 (Pre-Calculus)	4	80	Pre-Calculus K B (spring)	11 & 12
MATH 2413 (Calculus I)	4	80	AP Calculus AB (full year) 37-week	11 & 12
MATH 2413 (Calculus I)	4	80	AP Calculus BC A (fall)	11 & 12
MATH 2414 (Calculus II)	4	80	AP Calculus BC B (spring)	11 & 12
SCIENCE				
BIOL 1406 (Biology I)	4	96	AP Biology II (fall) hybrid (WL)	11 & 12
BIOL 1407 (Biology II)	4	96	AP Biology II (spring) hybrid (WL)	11 & 12
CHEM 1411 (Chemistry I)	4	96	AP Chemistry (full year) 37-week	11 & 12
CHEM 1411 (Chemistry I)**	4	96	AP Chemistry (fall) hybrid (WL)	11 & 12
CHEM 1412 (Chemistry II)**	4	96	AP Chemistry (spring) hybrid (WL)	11 & 12
ENGR 1201 (Introduction to Engineering)	2	32	Engineering Design and Problem Solving K (full year) 37-week	12
ENVR 1401 (Environmental Science I)	4	96	AP Environmental Science (fall) (WL)	11 & 12
ENVR 1402 (Environmental Science II)	4	96	AP Environmental Science (spring) (WL)	11 & 12
PHYS 1401 (General Physics I)	4	96	AP Physics I (full year) 37-week	11 & 12
PHYS 1402 (General Physics II)	4	96	AP Physics II (full year) 37-week	12
PHYS 1401 (General Physics I)	4	96	AP Physics I (fall) (2-pd Block)	12
PHYS 1402 (General Physics II)	4	96	AP Physics II (spring) (2-pd Block)	12

*Course approved for College Academy and Cypress Ranch High School pilot only

**Course approved for College Academy at Cypress Lakes and Cypress Woods High School only

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FINE ARTS				
ARTS 1303 (Art History: Prehistoric to Gothic)	3	48	AP Art History (fall or spring)	11 & 12
ARTS 1304 (Art History: Renaissance to Modern)	3	48	AP Art History (fall or spring)	11 & 12
FOREIGN LANGUAGE				
COSC 1336 (Programming Fundamentals I)	3	80	Computer Science I K (full year) 37-week	9 - 12
COSC 1337 (Programming Fundamentals II)	3	80	Computer Science II K (full year) 37-week <i>*Meets LOTE requirements for high school diploma</i>	10 – 12
SPAN 2311 (Int. Spanish I)	3	48	AP Spanish IV (spring)	9-12
SPAN 2312 (Int. Spanish II)	3	48	AP Spanish V (spring)	9-12
SOCIAL STUDIES				
ECON 2301 (Macroeconomics)	3	48	AP Macroeconomics (fall or spring)	12
GOVT 2305 (Government)	3	48	AP Government (fall or spring)	12
GOVT 2306 (Government)	3	48	Special Topics in Social Studies K (SPTSS) (fall or spring)	12
HIST 1301 (US History)	3	48	AP United States History A (fall)	11
HIST 1302 (US History)	3	48	AP United States History B (spring)	11
PSYC 2301 (Psychology)	3	48	AP Psychology (fall or spring)	11 & 12
SOCI 1301 (Principles of Sociology)	3	48	Sociology K (fall or spring)	11 & 12

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2020-2021 Workforce Courses

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ARCHITECTURE AND CONSTRUCTION				
DFTG 2331 (Advanced Technologies in Architectural Design and Drafting) *	3	80	Architectural Design II (fall) (2-pd Block)	11 & 12
DFTG 1317 (Architectural Drafting Residential) *	3	80	Architectural Design II (spring) (2-pd Block)	11 & 12
ARCE 1352 (Structural Drafting) * <i>Pending crosswalk approval</i>	3	96	Project Based Research (fall) (2-pd Block)	12
DFTG 2340 (Solid Modeling/Design) *	3	96	Project Based Research (spring) (2-pd Block)	12
CNBT 1342 (Building Codes and Inspections) * <i>Pending crosswalk approval</i>	3	96	Project Based Research (yearlong/hybrid)	12
MANUFACTURING				
WLDG 1421(Welding Fundamentals) *	4	96	Welding I (fall) (2-pd Block)	11 & 12
WLDG 1417 (Introduction to Layout and Fabrication) *	4	96	Welding I (spring) (2-pd Block)	11 & 12
WLDG 1428 (Introduction to Shielded Metal Arc Welding (SMAW)) *	4	96	Welding II (fall) (2-pd Block)	11 & 12
WLDG 1457 (Intermediate Shielded Metal Arc Welding (SMAW)) *	4	96	Welding II (spring) (2-pd Block)	11 & 12
EMERGENCY MEDICAL SERVICES				
EMSP 1501 (EMT Basic) *	6	144	Practicum in Health Science B (spring)	12
EMSP 1160 (EMTB Clinical) *		80		

**Non-transferable to 4-year institution*

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