

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

2024 - 2025 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)	11 & 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	Precalculus K A (fall) 21-week	11 & 12
MATH 2412 (Pre-Calculus)	4	80	Precalculus 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)	11 & 12
ENVR 1402 (Environmental Science II)	4	96	AP Environmental Science (spring)	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

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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				
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
FREN 2311 (Int. French I)	3	48	AP French IV (spring)	9 - 12
FREN 2312 (Int. French II)	3	48	AP French 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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Workforce Dual Credit Courses

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ARCHITECTURE & CONSTRUCTION (See the ARCHITECTURAL DRAFTING & DESIGN program of study for additional course requirements)				
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
CNBT 1342 (Building Codes and Inspections) *	3	96	Practicum of Architecture Design (yearlong) (Hybrid)	12
ARCE 1352 (Structural Drafting) *	3	96	Practicum of Architecture Design (fall) (2-pd Block)	12
DFTG 2340 (Solid Modeling/Design) *	3	96	Practicum of Architecture Design (spring) (2-pd Block)	12
MANUFACTURING (See the WELDING program of study for additional course requirements)				
WLDG 1421 (Welding Fundamentals) *	4	96	Welding I (fall) (LSC Cypress Center)	10 - 12
WLDG 1417 (Introduction to Layout and Fabrication) *	4	96	Welding I (spring) (LSC Cypress Center)	10 - 12
WLDG 1428 (Introduction to Shielded Metal Arc Welding (SMAW)) *	4	96	Welding II (fall) (LSC Cypress Center)	11 & 12
WLDG 1457 (Intermediate Shielded Metal Arc (SMAW)) *	4	96	Welding II (spring) (LSC Cypress Center)	11 & 12
HEALTH SCIENCE (See the DIAGNOSTIC & THERAPEUTIC SERVICES program of study for additional course requirements)				
EMSP 1501 (EMT Basic) *	6	144	Practicum in Health Science B (spring) (LSC CyFair Campus)	12
EMSP 1160 (EMTB Clinical) *		80		
INFORMATION TECHNOLOGY (See the NETWORKING and/or CYBERSECURITY programs of study for additional course requirements)				
ITCC 1314 (CCNA 1: Introduction to Networks) *	3	80	Internetworking Technologies I (fall) (LSC CyFair Campus)	10 - 12
ITCC 1344 (CCNA 2: Switching, Routing, and Wireless Essentials) *	3	80	Internetworking Technologies I (spring) (LSC CyFair Campus)	10 - 12
ITCC 2320 (CCNA 3: Enterprise Networking, Security and Automation) *	3	80	Internetworking Technologies II (fall) (LSC CyFair Campus)	11 & 12
ITCC 1372 (DevNet Associate) *	4	80	Internetworking Technologies II (spring) (LSC CyFair Campus)	11 & 12

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BUSINESS, MARKETING, & FINANCE (See the BUSINESS MANAGEMENT program of study for additional course requirements)				
BCIS 1305 (Business Computer Applications) *	3	80	Business Information Management II (yearlong) (LSC CyFair Campus)	10 - 12
BUSI 1301 (Business Principles) *	3	48	Business Management (fall) (LSC CyFair Campus)	11 & 12
BGMT 1327 (Principles of Mgmt) *	3	48	Business Management (spring) (LSC CyFair Campus)	11 & 12
HRPO 1311 (Human Relations) *	3	48	Human Resource Management (fall or spring) (LSC CyFair Campus)	11 & 12
BMGT 1309 (Information and Project Mgmt) *	3	48	Practicum in Business Management (fall) (2-pd Block) (LSC CyFair Campus)	11 & 12

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Workforce/Academic Dual Credit Courses

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EDUCATION AND TRAINING (See the TEACHING & TRAINING program of study for additional course requirements)				
EDUC 1301 (Introduction to the Teaching Profession)	3	48	Practicum in Teaching (fall) (2-pd Block) (LSC CyFair Campus)	11 & 12
EDUC 2301 (Introduction – Special Populations)	3	48	Practicum in Teaching (spring) (2-pd Block) (LSC CyFair Campus)	11 & 12
INFORMATION TECHNOLOGY (See the PROGRAMMING & SOFTWARE DEVELOPMENT, NETWORKING, and/or CYBERSECURITY programs of study for additional course requirements)				
COSC 1301 (Introduction to Computers)	3	48	Computer Science I K (fall) <i>*Meets LOTE requirements for high school diploma</i> (LSC CyFair Campus)	10 - 12
COSC 1315 (Introduction to Computer Programming)	3	48	Computer Science I K (Spring) <i>*Meets LOTE requirements for high school diploma</i> (LSC CyFair Campus)	10 - 12
COSC 1436 (Programming Fundamentals I)	4	80	Computer Science II K (fall) <i>*Meets LOTE requirements for high school diploma</i> (LSC CyFair Campus)	10 - 12
COSC 1437 (Programming Fundamentals II)	4	80	Computer Science II K(spring) <i>*Meets LOTE requirements for high school diploma</i> (LSC CyFair Campus)	10 - 12

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