

2024-2025 CFISD DUAL CREDIT & COLLEGE ACADEMY Core Curriculum

LONE STAR COLLEGE COURSE				HIGH SCHOOL COURSE					
Communication <i>(Choose 2 ENGL or 1 ENGL + SPCH = 6 Cr.)</i>		CH	CR	English	CR	9	10	11	12
<input type="checkbox"/>	ENGL 1301	Composition & Rhetoric I	48	3	English III K (Fall)	.5			DC
<input type="checkbox"/>	ENGL 1301	Composition & Rhetoric I	48	3	English IV K (Fall)	.5			DC
<input type="checkbox"/>	ENGL 1302	Composition & Rhetoric II	48	3	English III K (Spring)	.5			DC
<input type="checkbox"/>	ENGL 1302	Composition & Rhetoric II	48	3	English IV K (Spring)	.5			DC
<input type="checkbox"/>	SPCH 1311	Introduction to Communication	48	3	Communication Application (Fall or Spring)	.5			DC DC
Mathematics <i>(Choose 1 for Core = 3 Cr.)</i>		CH	CR	Math	CR	9	10	11	12
<input type="checkbox"/>	MATH 1314	College Algebra	48	3	Ind. Study in Math College Algebra K	1			DC DC
<input type="checkbox"/>	MATH 1342	Statistics	48	3	AP Statistics	1			DC DC
<input type="checkbox"/>	MATH 1316	Trigonometry	48	3	Pre-Calculus K (Fall)	.5			DC DC
<input type="checkbox"/>	MATH 2412	Pre-Calculus	48	4	Pre-Calculus K (Spring)	.5			DC DC
<input type="checkbox"/>	MATH 2413	Calculus I	48	4	AP Calculus AB	1			DC DC
<input type="checkbox"/>	MATH 2413	Calculus I	48	4	AP Calculus BC (Fall)	.5			DC DC
<input type="checkbox"/>	MATH 2414	Calculus II	48	4	AP Calculus BC (Spring)	.5			DC DC
Life & Physical Sciences <i>(Choose 2 for Core = 6 Cr.)</i>		CH	CR	Science	CR	9	10	11	12
<i>Credit hours earned in excess of the six (6) required by Texas Core Curriculum will be applied to the Component Area Option [90] hours to complete the required hours for that category.</i>									
<input type="checkbox"/>	BIOL 1406	Biology I	96	4	AP Biology (Fall)	.5			DC DC
<input type="checkbox"/>	BIOL 1407	Biology II	96	4	AP Biology (Spring)	.5			DC DC
<input type="checkbox"/>	CHEM 1411	Chemistry I	96	4	AP Chemistry (yearlong)	1			DC DC
<input type="checkbox"/>	CHEM 1411	Chemistry I	96	4	AP Chemistry (Fall)	.5			DC DC
<input type="checkbox"/>	CHEM 1412	Chemistry II	96	4	AP Chemistry (Spring)	.5			DC DC
<input type="checkbox"/>	ENVR 1401	Environmental Science I	96	4	AP Environmental Science (Fall)	.5			DC DC
<input type="checkbox"/>	ENVR 1402	Environmental Science II	96	4	AP Environmental Science (Spring)	.5			DC DC
<input type="checkbox"/>	PHYS 1401	General Physics I	96	4	AP Physics I (yearlong)	1			DC DC
<input type="checkbox"/>	PHYS 1402	General Physics II	96	4	AP Physics II (yearlong)	1			DC
Creative Arts <i>(Choose 1 for Core = 3 Cr.)</i>		CH	CR	Fine Arts	CR	9	10	11	12
<input type="checkbox"/>	ARTS 1303	Art History: Prehistoric to Gothic	48	3	Art History AP (Fall or Spring)	.5			DC DC
<input type="checkbox"/>	ARTS 1304	Art History: Renaissance to Modern	48	3	Art History AP (Fall or Spring)	.5			DC DC
Language, Phil & Culture <i>(Choose 1 for Core = 3 Cr.)</i>		CH	CR	English/LOTE	CR	9	10	11	12
<input type="checkbox"/>	ENGL 2322	Survey of British Lit: Anglo-Saxon to 18th	48	3	AP English IV (Fall)	.5			DC DC
<input type="checkbox"/>	ENGL 2323	Survey of British Lit: Romantic to Present	48	3	AP English IV (Spring)	.5			DC DC
<input type="checkbox"/>	SPAN 2311	Intermediate Spanish I	48	3	AP Spanish IV (Spring)	.5	DC	DC	DC DC
<input type="checkbox"/>	SPAN 2312	Intermediate Spanish II	48	3	AP Spanish V (Spring)	.5	DC	DC	DC DC
<input type="checkbox"/>	FREN 2311	Intermediate French I	48	3	AP French IV (Spring)	.5	DC	DC	DC DC
<input type="checkbox"/>	FREN 2312	Intermediate French II	48	3	AP French V (Spring)	.5	DC	DC	DC DC
History <i>(Required to take both = 6 Cr.)</i>		CH	CR	Social Studies	CR	9	10	11	12
<input type="checkbox"/>	HIST 1301	United States History to 1877	48	3	AP United States History (Fall)	.5		CA	DC
<input type="checkbox"/>	HIST 1302	United States History Since 1877	48	3	AP United States History (Spring)	.5		CA	DC
Government <i>(Required to take both = 6 Cr.)</i>		CH	CR	Social Studies	CR	9	10	11	12
<input type="checkbox"/>	GOVT 2305	Federal Government	48	3	AP United States Gov (Fall or Spring)	.5			DC
<input type="checkbox"/>	GOVT 2306	Texas Government	48	3	Special Topics in Social Studies K (Spring)	.5			DC
Social & Behavioral Sciences <i>(Choose 1 for Core = 3 Cr.)</i>		CH	CR	Social Studies	CR	9	10	11	12
<input type="checkbox"/>	ECON 2301	Macroeconomics	48	3	AP Macroeconomics	.5			DC
<input type="checkbox"/>	PSYC 2301	Psychology	48	3	AP Psychology	.5			DC DC
<input type="checkbox"/>	SOCI 1301	Principles of Sociology	48	3	Sociology K	.5			DC DC
Component Area Option <i>(6 Cr.)</i>		CH	CR		CR	9	10	11	12
Select from the dual credit courses above that are not used to satisfy another component area.									
Excess hours from courses completed for the Life and Physical Sciences [30] requirement will be applied towards the hours required for the Component Area Option [90] requirement.									
Select from above, or for a comprehensive list of courses used to satisfy the Component Area Option, or for College Credit Only, please visit the Lone Star College Catalog: https://www.lonestar.edu/catalog .									
<input type="checkbox"/>									
<input type="checkbox"/>									

Total Core Curriculum 42

2024-2025 DUAL CREDIT & COLLEGE ACADEMY Associates of Arts Degree Curriculum

LONE STAR COLLEGE COURSE	HIGH SCHOOL COURSE	9	10	11	12	
Electives						
Select from below or fill in up to 6 courses from CORE equaling 18 credit hours						
<input type="checkbox"/> COSC 1301	3	Computer Science I K (Fall)		DC	DC	DC
<input type="checkbox"/> COSC 1315	3	Computer Science I K (Spring)		DC	DC	DC
<input type="checkbox"/> COSC 1436	4	Computer Science II K (Fall)		DC	DC	DC
<input type="checkbox"/> COSC 1437	4	Computer Science II K (Spring)		DC	DC	DC
<input type="checkbox"/> ENGR 1201	2	Engr Design & Problem-Solving K			DC	DC
<input type="checkbox"/>						
<input type="checkbox"/>						
<input type="checkbox"/>						
<input type="checkbox"/>						
<input type="checkbox"/>						
<input type="checkbox"/>						
Required for AA Degree total		18				

2024-2025 DUAL CREDIT & COLLEGE ACADEMY Associates of Science Degree Curriculum

LONE STAR COLLEGE COURSE	HIGH SCHOOL COURSE	9	10	11	12	
Math Elective						
	3-4 Cr	Math				
Select at least 1 additional Mathematics Elective						
<input type="checkbox"/> MATH 1314	3	Independent Study in Math College Algebra K			DC	DC
<input type="checkbox"/> MATH 1342	3	AP Statistics			DC	DC
<input type="checkbox"/> MATH 1316	3	Pre-Calculus K (Fall)			DC	DC
<input type="checkbox"/> MATH 2412	4	Pre-Calculus K (Spring)			DC	DC
<input type="checkbox"/> MATH 2413	4	AP Calculus AB			DC	DC
<input type="checkbox"/> MATH 2413	4	AP Calculus BC (Fall)			DC	DC
<input type="checkbox"/> MATH 2414	4	AP Calculus BC (Spring)			DC	DC
Life & Physical Science Electives						
	8 Cr	Science				
Select at least 2 additional Life & Physical Science Electives						
<input type="checkbox"/> BIOL 1406	4	AP Biology (Fall)			DC	DC
<input type="checkbox"/> BIOL 1407	4	AP Biology (Spring)			DC	DC
<input type="checkbox"/> CHEM 1411	4	AP Chemistry (Yearlong)			DC	DC
<input type="checkbox"/> CHEM 1411	4	AP Chemistry (Fall)			DC	DC
<input type="checkbox"/> CHEM 1412	4	AP Chemistry (Spring)			DC	DC
<input type="checkbox"/> ENVR 1401	4	AP Environmental Science (Fall)			DC	DC
<input type="checkbox"/> ENVR 1402	4	AP Environmental Science (Spring)			DC	DC
<input type="checkbox"/> PHYS 1401	4	AP Physics I			DC	DC
<input type="checkbox"/> PHYS 1402	4	AP Physics II				DC
Electives						
	7 Cr					
Select from 2 below or fill in courses from CORE Curriculum in blanks below						
<input type="checkbox"/> COSC 1301	3	Computer Science I K (Fall)		DC	DC	DC
<input type="checkbox"/> COSC 1315	3	Computer Science I K (Spring)		DC	DC	DC
<input type="checkbox"/> COSC 1436	4	Computer Science II K (Fall)		DC	DC	DC
<input type="checkbox"/> COSC 1437	4	Computer Science II K (Spring)		DC	DC	DC
<input type="checkbox"/> ENGR 1201	2	Engr Design & Problem-Solving K			DC	DC
<input type="checkbox"/>						
<input type="checkbox"/>						
Required for AS Degree total		18				

Notes: _____

