



Dual Enrollment

Alvin ISD Course List - Academic

alvincollege.edu/dualenrollment

Academic Core Courses - These are transferrable to Texas Public College or University with a grade C or higher; however, transferability is subject to the students intended major. The TSIA2 is required for admission.

Note: The second number in the Alvin College Course Number represents the number of college credit hours that can be earned for that course.

Alvin College Course Name	HS Credit	Campus	Grade Level	Alvin College Course Number	Alvin College Course Name	TSIA2 Requirement or Pre-Requisite
College Transitions	1	Alvin College	9-12	PSYC 1300	Learning Framework	Attempt ELAR section
Art I, Art Appreciation	1	Alvin College	9-12	ARTS 1301	Art Appreciation	Attempt ELAR section
Foundations of Business Communication and Technologies	1	Alvin College	9-12	BCIS 1305	Business Computer Applications	Attempt ELAR section
French I	1	Alvin College	9-12	FREN 1411	Beginning French I	Attempt ELAR section
French II	1	Alvin College	9-12	FREN 1412	Beginning French II	FREN 1411 C+
French III	1	Alvin College	9-12	FREN 2311/2313	Intermediate French I	FREN 1412 C+
French IV	1	Alvin College	9-12	FREN 2312/2313	Intermediate French II	FREN 2311 C+
Theatre 1	1	Alvin College	9-12	DRAM 1310	Intro to Theater	Attempt ELAR section
Theater Arts I	1	Alvin College	9-12	DRAM 1351	Intro to Acting	*R/W
Independent Study Speech	0.5	Alvin College	9-12	COMM 1307	Intro to Mass Communications	Attempt ELAR section
Music Studies, Music App I	1	Alvin College	9-12	MUSI 1306	Music Appreciation	*R/W
Spanish I	1	Alvin College	9-12	SPAN 1411	Beginning Spanish I	Attempt ELAR section
Spanish II	1	Alvin College	9-12	SPAN 1412	Beginning Spanish II	SPAN 1411 C+
Spanish III	1	Alvin College	9-12	SPAN 2311	Intermediate Spanish I	SPAN 1412 C+
Spanish III	1	Alvin College	9-12	SPAN 2313	Spanish for Native/Heritage Speakers I	Placement Only
Spanish IV	1	Alvin College	9-12	SPAN 2312	Intermediate Spanish II	SPAN 2311 C+
Spanish IV	1	Alvin College	9-12	SPAN 2315	Spanish for Native/Heritage Speakers II	SPAN 2313 C+
Accounting I	1	Alvin College	10-12	ACCT 2301	Principles of Financial Accounting	M
Accounting II	1	Alvin College	10-12	ACCT 2302	Principles of Managerial Accounting	ACCT 2301
Communication Applications	0.5	Alvin College	10-12	SPCH 1315	Public Speaking	R/W
Human Growth & Development	1	Alvin College	10-12	PSYC 2314	Life-Span Growth & Development	R/W
Psychology	0.5	Alvin College	10-12	PSYC 2301	General Psychology	R/W
Sociology	0.5	Alvin College	10-12	SOCI 1301	Introduction to Sociology	R/W
Advanced Quantitative Reasoning	1	Alvin College	10-12	MATH 1332	Quantitative Reasoning	M
Independent Study in Math (College Algebra)	1	Alvin College	10-12	MATH 1314	College Algebra	M

Pre-Calculus	1	AISD	10-12	MATH 2412	Pre-Calculus Math	MATH 1314 C+
Statistics	1	AC	10-12	MATH 1342	Statistics	M
Independent Study in Math (Math for Business & Social Sciences)	1	AISD	10-12	MATH 1324	Math for Business & Social Science	M
Independent Study in Math (Calc. for Business & Social Sciences)	1	AC	10-12	MATH 1325	Calculus for Business & Social Science	M
U.S. History	1	AISD	11-12	HIST 1301/ 1302	United States History I & II	R/W
Special Topics in SS (Philosophy)	0.5	AC	11-12	PHIL 1301	Introduction to Philosophy	R/W
Business Management	1	AISD	11-12	BUSI 1301	Business Principles	Attempt ELAR section
Economics	0.5	AISD	11-12	ECON 2301	Principles of Macroeconomics	R/W
Special Topics in SS (Microeconomics II - does not satisfy graduation requirement)	0.5	AISD	11-12	ECON 2302	Principles on Microeconomics	R/W
English III A	0.5	AISD	11	ENGL 1301	Composition I	R/W
English III B	0.5	AISD	11	ENGL 1302	Composition II	ENGL 1301
United States Government	0.5	AISD	11-12	GOVT 2305	Federal Government	R/W
Special Topics in SS (Government B - does not satisfy graduation requirement)	0.5	AISD	11-12	GOVT 2306	Texas Government	R/W
English IV-1A	0.5	AISD	11	ENGL 1301	Composition I	R/W
English IV-1B	0.5	AISD	11	ENGL 1302	Composition II	ENGL 1301
English IV-2A & IV-2B	1	AISD	12	ENGL 2322/2323	British Literature I & II	ENGL 1301
Chemistry (or Scientific Research & Design)	1	AC	12	CHEM 1411/1412	General Chemistry I & II	MATH 1314
Environmental Systems	1	AC	12	GEOL 1405	Environmental Science	R
Astronomy	1	ACC	12	ASTR 1403/1404	Stars & Galaxies/Solar System	Attempt ELAR section
Scientific Research & Design I / II (Biology)	2	AISD	12	BIOL 1406/1407	Biology for Science Majors I & II	R
Anatomy & Physiology	1	AC	12	BIOL 2401/2402	Anatomy & Physiology I & II	R
Independent Study in Math (Calculus)	1	AC	12	MATH 2413	Calculus I	MATH 2412 C+
Physics (or Scientific Research & Design)	1	AC	12	PHYS 1401/1402	College Physics I & II	R; MATH 2412

TSIA2 Status – M = Math / R = Reading / W = Writing / Attempt ELAR section = student must attempt TSIA2 ELAR section at least once
Student must test before selecting course. Courses and pre-requisites are subject to change.

* Student must score 945 + on multiple choice with 4 on diagnostic or 945 + on multiple choice with 4 on the essay



Dual Enrollment

Alvin ISD Course List - Technical

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Technical Courses - Highly specialized coursework and training designed to enter the workforce. Technical credit may not transfer to a four-year institution; student must verify transferability with their college of choice. An Alvin College admissions application is required, and the TSIA2 exam is NOT required.

AISD Course Name	HS Credit	Campus	Grade Level	Semester	Alvin College Course Name and Number
Welding 1 (See Alvin College Advisor) High School Pre-Requisites: AISD Intro into Welding					
Welding 1	2	JBH	10	Fall	WLDG 1323 Welding Safety, Tools, and Equipment
				Spring	WLDG 1200 Introduction to Welding
Welding 2	2	JBH	11	Fall	WLDG 1428 Intro to Shielded Metal Arc
				Spring	WLDG 1307 Intro to Welding Using Multiple Processes
Culinary Certification (See Alvin College Advisor) High School Pre-Requisites: AISD Culinary Arts 1					
Advanced Culinary Arts	2	JBH	11	Fall	IFWA 1401 Food Preparation 1
				Spring	PSTR 1301 Fundamentals of Baking
Practicum in Culinary Arts	2	JBH	12	Fall	CHEF 2301 Intermediate Food Preparation
				Spring	HAMG 1321 Introduction to Hospitality Industry
Computer Networking Certification (See Alvin College Advisor) High School Pre-requisites: AISD Principles of IT					
Computer Maintenance	2	JBH	10	Fall	ITSC 1305 Introduction to PC Operation Systems
				Spring	ITMT 1358 Windows Client Operating System
Networking with Lab	2	JBH	11	Fall	ITNW 1325 Fundamentals of Networking Technologies
				Spring	ITNW 1358 Network +
Practicum in IT	2	JBH	12	Fall	ITMT 1357 Administering Windows Servers OS
				Spring	ITNW 1353 Supporting Network Server Infrastructure
ECA/EMT Certification (See Alvin College Advisor) High School Pre-requisites: Principles in Health Science and Health Science Theory					
Practicum in Health Science (ECA / EMT)	2	JBH	12	Fall	EMSP 1205 Emergency Care Attendant
				Spring	EMSP 1501 EMT Basic/ EMSP 1208 Emergency Vehicle Operations/ EMSP 1260 EMT Clinical
Computer Networking Certification (See Alvin College Advisor) High School Pre-requisites: AISD Principles of IT					
Practicum in Health Sci. (Phar Tech I)	2	JBH	11-12	Fall	PHRA 1301 Intro to Pharm / PHRA 1309 Pharm Math I / PHRA 1305 Drug Classification
				Spring	PHRA 1315 Pharm Terminology / PHRA 1347 Pharm Math II / PHRA 1441 Drug Therapy & Treatment
Practicum in Health Sci. (Phar Tech II)	2	JBH	12	Fall	PHRA 1413 Community Practice / PHRA 1349 Inst. Pharm Practice
				Spring	PHRA 1345 Compounding Sterile Preparations / PHRA 1261 Clinical I /PHRA 1243 Certification Review

Course listings are subject to change. Always refer to Alvin College Advisor and/or high school counselor for updates.