

APPROVED NORTHWEST ISD DUAL CREDIT COURSES

In addition to OnRamps and Advanced Placement courses, students may take dual credit courses through NCTC and TCC.

	PEIMS CODE	NISD Dual Credit Course	HS Credit	College Course Title	College Hours	TSI Requirement and/or Prerequisite	
English		Dual Credit English III A	0.5	English Composition I (ENGL 1301)	3	TSI Writing	
		Dual Credit English III B	0.5	English Composition II (ENGL 1302)	3	ENGL 1301	
		OnRamps English III A (ENGL 1301)	0.5	Introduction to Rhetoric (RHE 306 / ENGL1301)	3	Must have credit for English I and English II	
		OnRamps English III B (ENGL 1302)	0.5	Rhetoric of American Identity (RHE 309 / ENGL1302)	3	Must have credit for English I and English II	
		Dual Credit English IV A	0.5	English Composition I (ENGL 1301)	3	TSI Writing	
		Dual Credit English IV B	0.5	English Composition II (ENGL 1302)	3	ENGL 1301	
		Dual Credit English IV A	0.5	World Literature I (ENGL 2332)	3	ENGL 1302	
		Dual Credit English IV B	0.5	World Literature II (ENGL 2333)	3	ENGL 1302	
		Dual Credit English IV A	0.5	British Literature I to 1800 (ENGL 2322)	3	ENGL 1302	
		Dual Credit English IV B	0.5	British Literature II Since 1800 (ENGL 2323)	3	ENGL 1302	
		OnRamps English IV A (ENGL 1301)	0.5	Introduction to Rhetoric (RHE 306 / ENGL1301)	3	Must have credit for English I, II, and III	
		OnRamps English IV B (ENGL 1302)	0.5	Rhetoric of American Identity (RHE 309 / ENGL1302)	3	Must have credit for English I, II, and II	
	Mathematics		Dual Credit Precalculus I A Or Dual Credit Independent Study in Math	0.5	College Algebra (MATH 1314)	3	TSI Math
			Dual Credit Precalculus I B Or Dual Credit Independent Study in Math	0.5	Pre-Calculus Math (MATH 2412)	4	MATH 1314
		Dual Credit Independent Study in Math	0.5	Elementary Statistics (MATH 1342) [NCTC Only]	3	MATH 1314	
		On Ramps Dual Enrollment Precalculus for Precalculus A and B [Semester 1 determines eligibility to	1.0	Precalculus (M305 / MATH 1342)	3	Credit for Algebra II	

		enroll in the college credit version of the course for semester 2.]				
		OnRamps Dual Enrollment Statistics for Independent Study in Math A and B [Semester 1 determines eligibility to enroll in the college credit version of the course for semester 2.]	1.0	Statistics (SDS 302 / MATH 1342)	3	Credit for Algebra II
§ Independent Study in Mathematics (Use the following PEIMS Codes for the courses listed above.)						
		PEIMS Code		Course Title		
		03102500		First Time Taken		
		03102501		Second Time Taken		
		03102502		Third Time Taken		
Science		Dual Credit Chemistry A	0.5	General Chemistry I (CHEM 1411 + CHEM 1411 LAB)	4	MATH 1314
		Dual Credit Chemistry B	0.5	General Chemistry B (CHEM 1412 + CHEM 1412 LAB)	4	CHEM 1411 and MATH 1314
		Dual Credit Physics A	0.5	College Physics I (PHYS 1401 + PHYS 1401 LAB)	4	MATH 1314 and MATH 1316 or MATH 2412
		Dual Credit Physics B	0.5	College Physics II (PHYS 1402 + PHYS 1402 LAB)	4	PHYS 1401
		Dual Credit Anatomy and Physiology A	0.5	Anatomy and Physiology I (BIOL 2401 + BIOL 2401 LAB)	4	TSI in all areas
		Dual Credit Anatomy and Physiology B	0.5	Anatomy and Physiology II (BIOL 2402 + BIOL 2402 LAB)	4	TSI in all areas and BIOL 2401
		Dual Credit Environmental Systems A and B	1	Environmental Biology (BIOL 2406) [NCTC Only]	4	
Social Studies		Dual Credit United States Government	0.5	Federal Government (GOVT 2305)	3	TSI Reading or ENGL 1301 with a minimum grade of C.
		Dual Credit Economics	0.5	Principles of Macroeconomics (ECON 2301)	3	NA
		Dual Credit Psychology	0.5	General Psychology (PSYCH 2301)	3	TSI Reading or ENGL 1301 with a minimum grade of C.

		Dual Credit Sociology	0.5	Introduction to Sociology (SOCL 1301)	3	TSI Reading or ENGL 1301 with a minimum grade of C.
		Special Topics in Social Studies (Proposed DC Special Topics in Social Studies)	0.5	Texas Government (GOVT 2306)	3	TSI Reading or ENGL 1301 with a minimum grade of C.
		OnRamps Dual Enrollment US History A	0.5	U.S History (HIS 315K / HIST 1301)	3	NA
		OnRamps Dual Enrollment US History B	0.5	U.S History (HIS 315L / HIST 1302)	3	NA
Electives		Dual Credit Professional Communications	0.5	Business and Professional Communication (SPCH 1321)	3	NA
		Dual Credit Independent Study in Speech	0.5	Public Speaking (SPCH 1315)3	3	NA
Fine Arts		Dual Credit Art Appreciation	1.0	Art Appreciation (ARTS 1301)	3	NA

College & Career
Readiness

Aviation Academy Dual Credit Courses

Embry-Riddle Worldwide Courses

Embry-Riddle	Scheduling	College Course Title	College Hours	Minimum GPA 2.75
	Sophomore Year NISD Course – Foundations of Aviation [Not Dual Credit] AND Aircraft Airframe Technology	Aerospace Fundamentals (ASCI 100)	0	
		Introduction to Space Flight (ASCI 110)	3	
	Junior Year NISD Course – Practicum in Transportation Systems / Extended Practicum in Transportation Systems (First Time Taken)	Private Pilot Operations (ASCI 121)	5	
		Airmen Knowledge/Part 107 Test Prep (ASCI 212L)	1	
		Introduction to Aeronautical Science (ASCI 202)	3	
	Senior Year NISD Course - Practicum in Transportation Systems/Extended Practicum in Transportation Systems (Second Time Taken)	Introduction to Flight Physiology (ASCI 221)	3	
Introduction to Aerospace Safety (SFTY 210)		3		
§ (use the following PEIMS numbers for the courses listed above)				
PEIMS Code		NISD Dual Credit Course & Credits		
13039400		Aircraft Airframe Technology (2 Credits)		
13040455		Practicum in Transportation / Extended Practicum in Transportation Systems (First Time Taken for 3 credits)		
13040465		Practicum in Transportation / Extended Practicum in Transportation Systems (Second Time Taken for 3 credits)		

Tarrant County College

Aviation	Scheduling	College Course Title	College Hours	TSI Requirement and/or Prerequisite
	Junior Year NISD Course - Aircraft Airframe Technology	Introduction to Aviation (AERM 1101)	1	TSI in ALL areas.
		Weight and Balance (AERM 1205)	2	
		FAA Regulations (AERM 1208)	2	

	Fall: 2 College Courses Spring 2 College Courses	Shop Practices (AERM 1303)	3		
		Ground Ops Power Plant Electricity (AERM 1310)	3		
		Basic Electricity (AERM 1314)	3		
	Senior Year	Aviation Sciences (AERM 1315)	3		
	NISD Course - Aircraft Powerplant Technology	Aircraft Propeller (AERM 1340)	3		
		Aircraft Reciprocating Engines (AERM 1344)	3		
	Fall: 2 College Courses	Aircraft Turbine Engine Theory (AERM 1351)	3		
	Spring: 2 College Courses	Aircraft Powerplant Electrical (AERM 1456)	4		
	§ (use the following PEIMS numbers for the courses listed above)				
	PEIMS Code	NISD Dual Credit Course & Credits			
13039400	Aircraft Airframe Technology (2 Credits)				
13039500	Aircraft Powerplant Technology (2 Credits)				
Private Pilot	Scheduling	College Course Title	College Hours	TSI Requirement and/or Prerequisite	
	Junior Year	Private Pilot Flight (AIRP 1215)	2	TSI in ALL areas.	
	NISD Course – Practicum in Transportation Systems	Intermediate Flight (AIRP 1255)	2		
		Air Navigation (AIRP 1301)	3		
	Fall: 2 College Courses	Aviation Meteorology (AIRP 1307)	3		
	Spring: 2 College Courses	Intro to Aviation (AIRP 1313)	3		
		Private Pilot Ground (AIRP 1317)	3		
		Advanced Air Navigation (AIRP 1341)	3		
	Senior year	Aerodynamics (AIRP 1343)	3		
	NISD Course – Extended Practicum in Transportation Systems	Aviation Safety (AIRP 1345)	3		
		Instrument Ground (AIRP 1451)	4		
		Aircraft Systems (AIRP 2333)	3		
	Fall: 2 College Courses	Commercial Ground School (AIRP 2337)	3		
	Spring: 2 College Courses	Instrument Flight (AIRP 2250)	2		
	Practicum in Transportation Systems (Use the following PEIMS numbers for the courses listed above)				
PEIMS Code	NISD Dual Credit Course & Credits				
13040450	Practicum in Transportation systems (First Time Taken for 2 credits)				
13040455	Practicum in Transportation Systems (Second Time Taken)/Extended Practicum in Transportation Systems (for 3 credits)				
Collegiate Academy Only					

	PEIMS Code	NISD Dual Credit Course	HS Credit	College Course Title	College Hours	TSI Requirement and/or Prerequisite
		Dual Credit US History	.5	US History (HIST 1301)	3	TSI Reading
		Dual Credit US History	.5	US History (1865 – Present) (HIST 1302)	3	TSI Reading
Collegiate Academy			0.5	Learning Frameworks (EDUC 1300) [NCTC Only]	3	TSI Reading
		Dual Credit Contemporary Mathematics / For Independent Study in Mathematics	0.5	Contemporary Mathematics (MATH 1332) [NCTC Only]	3	
		Independent Study in Mathematics (Use PEIMS Code below)				
				First Time Taken = 0.5 – 1.0 Credit		
				Second Time Taken = 0.5 – 1.0 Credit		
				Third Time Taken = 0.5 – 1.0 Credit		
Culinary Arts & Hospitality Academy Only						
[Courses provided through DCCD – El Centro]						
	PEIMS Code	NISD Dual Credit Course		College Course Title	College Hours	TSI Requirement and/or Prerequisite
Culinary Academy		Introduction to Culinary Arts (1 HS Credit)		Sanitation and Safety (CHEF 1305)	3	Facilitator Approval
		Culinary Arts (2 HS Credits)		Sanitation and Safety (CHEF 1305) [If not already taken]	3	Facilitator Approval
				Basic Food Preparation (CHEF 1301)	3	Facilitator Approval
				Fundamentals of Baking (PSTR 1301)	3	Facilitator Approval
				Hospitality Supervision (RTSO 1313)	3	Facilitator Approval
		Practicum in Culinary Arts (3 HS Credits)		Advanced Food Preparation (CHEF 2331)	3	CHEF 1305 with a “C” or better
		Or		Practicum / Chef Training	2	Facilitator Approval

	Practicum in Hospitality Services (2 HS Credits)				
Note: Culinary Arts classes can be taken without taking dual credit courses for high school credit only.					
	Introduction to Culinary Arts	1	N/A	0	Facilitator Approval
	Culinary Arts	2	N/A	0	Facilitator Approval
	Practicum in Culinary Arts	3	N/A	0	Facilitator Approval
	Practicum in Hospitality	2	N/A	0	Facilitator Approval

NORTHWEST ISD

College & Career Readiness