



P-TECH 4-year Plan
[Associate of Arts](#)
 Degree Code: AA.ARTS

School Information

ISD:	Garland	Plan Last Updated:	10/6/23
Early College Program:	South Garland P-TECH	Catalog Year:	2023-2024
Dallas College:	Richland	Grad Class:	Class of 2027

Career Information

Certificate: [Rising Welder Level I Certificate](#); Degree Plan Code: C1.RISING.WELDER
 HS Program of Study: [Manufacturing: Welding](#)

High School Courses

9 th Grade - Cohort	
English I H (10113 A/B)	Algebra I H (21213 A/B) or Algebra II H (21233 A/B)
AP Human Geography (42133 A/B)	Biology H (33113 A/B)
AVID I (A9846 A/B)	Language Other Than English
Health	Intro to Welding (8M130A/B) LEVEL I CTE
10 th Grade - Cohort	
English II H (10123 A/B)	Algebra II H (21233 A/B)
Chemistry H (33213 A/B)	or Geometry (Accelerated Geom 21411S – 1 sem/1 credit)
Language Other Than English	or Geometry (21413 A/B)
AVID II (A9847 A/B - Recommended)	
11 th Grade	
AP Bio/AP Chem/Physics (Recommended)	Geometry (Accelerated Geom 21411S – 1 sem/1 credit)
AVID III (A9848 A/B - Recommended)	or Geometry IH (21414 A/B)
12 th Grade	
AVID IV (A9849 A/B - Recommended)	Economics

College Courses

9 th : Fall Semester	Spring Semester
	EDUC 1300 – Learning Framework elective (A2721S – MAPS DC N1130021)
	PHED 1164 – Intro to Physical Fitness (54217S – Lifetime Fitness PES00051)
	Total Credit Hours: 4
10 th : Fall Semester	Spring Semester
HIST 1301 – US History I (42107A – US History 03340100)	HIST 1302 – US History II (42107B – US History 03340100)
SPCH 1311 – Intro to Speech (10311S – Comm Applications 03241400)	MUSI 1306 – Music Appreciation (66269S – Music Appreciation 0315560) 1 sem/1 credit
WLDG 1307 – Intro to Welding Using Multiple Processes (8M235A - Welding I 13032300 double block)	WLDG 1428 – Intro to Shielded Metal Arc Welding (SMAW) (8M235B - Welding I 13032300 double block)
	Total Credit Hours: 19
11 th : Fall Semester	Spring Semester

ENGL 1301 – Composition I (10505A – English Lang & Comp DC 03220300)	*ENGL 1302 – Composition II (10505B – English Lang & Comp DC 03220300)
MATH 1332 – Contemporary Math (21503S – AQR DC 03102510) 1 sem/1 HS credit	PSYC 2301 – Psychology elective (42323S – Psychology DC 03350100)
WLDG 1430 – Intro to Gas Metal Arc Welding (GMAW) (8M335A - Welding II 13032400 double block)	WLDG 1417 - Intro to Layout & Fabrication OR WLDG 1434 – Intro to Gas Tungsten Arc Welding (GTAW) (8M335B - Welding II 13032400 double block)
Total Credit Hours: 20	

12 th : Fall Semester	Spring Semester
*ENGL 2332 – World Literature (10509S – English IV – 03220400; 1 sem/1 credit)	WLDG 1313 – Intro to Blueprint Reading for Welders (##### - Blueprint Reading for Manufacturing Applications N1303684) **This needs to go to the Board Fall 2024.**
BIOL 1408 – Biology I (33121S – Biology I DC for Non-Science Majors 13037200) 1 sem/1 HS credit	BIOL 1409 – Biology II (33130S – Biology II DC for Non-Science Majors 13037210) 1 sem/1 HS credit
GOVT 2305 – Federal Government (42222S – US Govt 03330100)	GOVT 2306 – Texas Government (42221S – TX Govt 03380032)
Total Credit Hours: 20	

Total Credit Hours: 63

*Course prerequisite required

Certificate and degree course information is based on the [2023-2024 Dallas College](#) catalog. Programs may be revised during the academic year. Please access the official catalog for the official and most current degree and certificate information.

¹ Creative Arts Requirement Options: See success coach for placement ARTS 1301 – Art Appreciation ARTS 1303 – Art History I ARTS 1304 – Art History II DRAM 1310 – Introduction to Theatre DRAM 2361 – History of Theater DRAM 2366 – Film Appreciation HUMA 1315 – Fine Arts Appreciation MUSI 1306 – Music Appreciation I	²Mathematics Requirement Options: See success coach for placement MATH 1314 – College Algebra MATH 1316 – Plane Trigonometry MATH 1324 – Mathematics for Business and Social Sciences MATH 1332 – Contemporary Mathematics MATH 1342 – Elementary Statistical Methods MATH 1350 – Mathematics for Teachers I MATH 2412 – Pre-Calculus Math MATH 2413 – Calculus I MATH 2414 – Calculus II
³Life and Physical Science Options: See success coach for placement BIOL 1406, 1407 – Biology for science majors I & II BIOL 1408, 1409 – Biology for non-science majors I & II BIOL 2401, 2402 – Anatomy and Physiology I & II CHEM 1405, 1407 – Introduction to Chemistry I & II CHEM 1411, 1412 – General Chemistry I & II CHEM 2423, 2425 – Organic Chemistry I & II ENVR 1401, 1402 – Environmental Science I & II GEOL 1405 – Environmental Science PHYS 1401, 1402 – College Physics I & II PHYS 1405, 1407 – Elementary Physics I & II	⁴Behavioral & Social Sciences Options: See success coach for placement BIOL 1322 – Nutrition and Diet Therapy CRIJ 1301 – Introduction to Criminal Justice CRIJ 1307 – Crime in America ECON 2301 – Macroeconomics ECON 2302 – Microeconomics HIST 2321 – World Civilization I HIST 2322 – World Civilization II PHED 1304 – Personal/Community Health PSYC 2301 – General Psychology SOCJ 1301 – Introduction to Sociology TECA 1354 – Child Growth and Development
⁵Language, Philosophy, and Culture Options: See success coach for placement ENGL 2332 – World Literature I ENGL 2333 – World Literature II FREN 2311 – Intermediate French I FREN 2312 – Intermediate II PHIL 1301 – Introduction to Philosophy PHIL 2306 – Introduction to Ethics SPAN 2311 – Intermediate Spanish I	⁶Component Area Options: See success coach for placement OPTION A: SPCH 1311 – Introduction to Speech Communication SPCH 1321 – Business and Professional Communication AND PHED 1164 – Introduction to Physical Fitness OPTION B:

SPAN 2312 – Intermediate Spanish II

FREN 1411 – Beginning French I

FREN 1412 – Beginning French II

SPAN 1411 – Beginning Spanish I

SPAN 1412 – Beginning Spanish II