

Pathways in Technology Early College High School (P-TECH)

Pathways in Technology Early College High Schools (P-TECH) are innovative, early college high school programs that enable students to earn a high school diploma along with an associate degree, Level 1 or Level 2 certificate, and/or industry-based certification(s) prior to high school graduation. This packet provides a general overview of the pathways, Dallas College coursework maps, Richardson ISD sample graduation plans, and P-TECH planning guides.

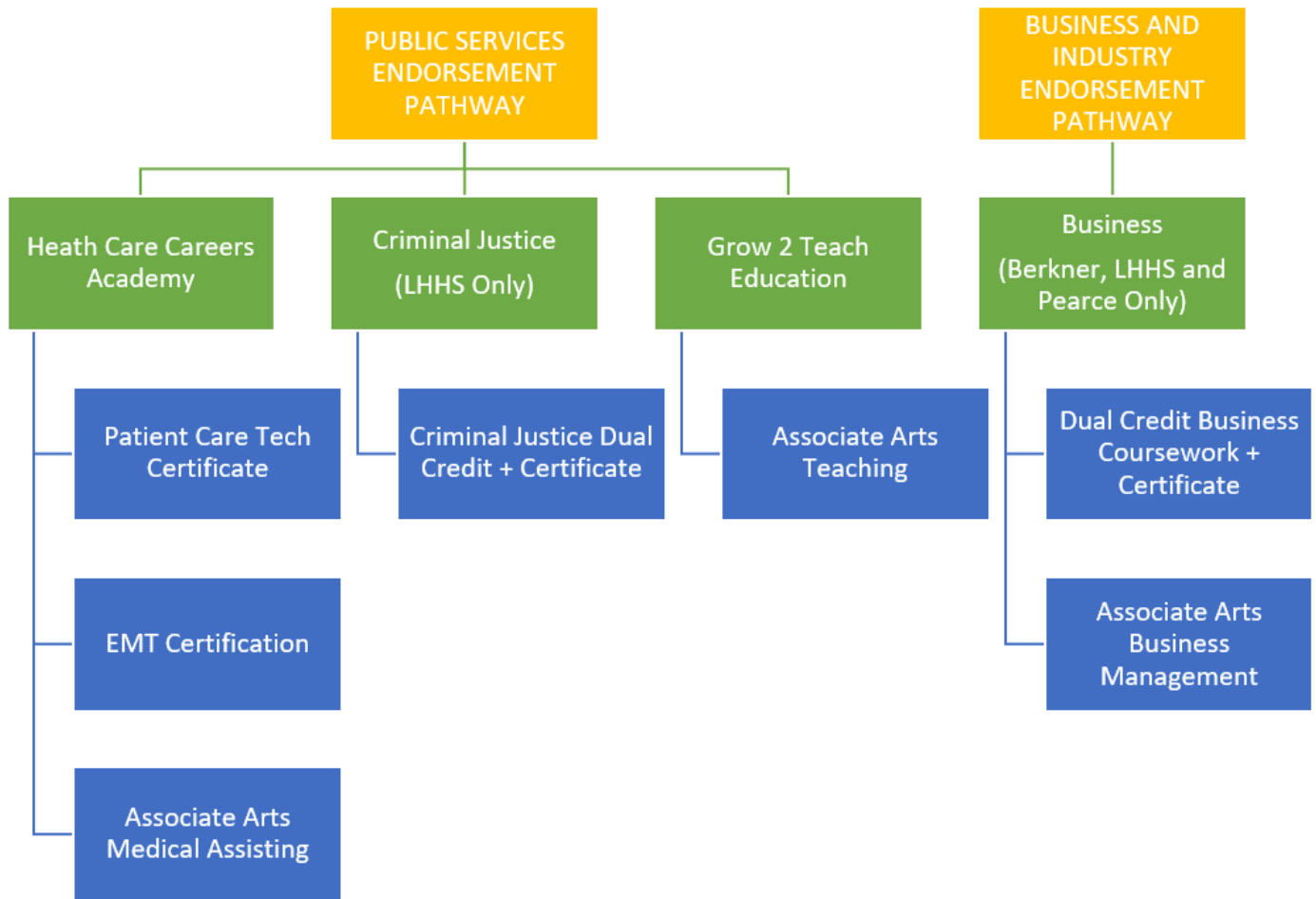
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 - ii. Richardson ISD Sample Graduation Plan
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PTECH Contacts

PTECH People	Position	Extension
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Courtney Sharkey	Director - CTE/PTECH	39977
Savannah Hollis	RHCA Campus Administrator/District Coordinator CTE (Health Science)	39968
Paul Simmons	PTECH Coordinator (LHHS/Pearce)	30753
Josh Sisk	PTECH Coordinator (Berkner)	30749 (PDC) 37180 (Berkner)
Jennifer Sweaks	CTE/PTECH Counselor	39962
Beth del Valle	Dual Credit Counselor - Pearce	35056
Kristine Thomas-Wright	Dual Credit Counselor - Richardson	33039
Shelly Miller	Dual Credit Counselor - Lake Highlands	31435
Danielle Dabeshlim	Dual Credit Counselor - Berkner	37066



***Certificate Programs** allow students to immediately start working toward a desired area of interest without the requirement of completing college general education courses (high school general education courses are still required). This is ideal for students who are passionate about a specific career and want to begin working as soon as possible.

At the start of every school year, students in P-TECH classes will be required to sign the [P-TECH Contract](#) copied below. It is helpful to provide students with a copy prior to enrolling in P-TECH classes as well.

Pathways in Technology Early College High School (PTECH) Student Contract

Please carefully read the following contract with your parent/guardian, and sign to confirm that you understand and agree to its terms.

P-TECH students are required to follow all Dallas College policies and procedures with regard to conduct and academic standards and to abide by Dallas College student rights and responsibilities. As a college student, you are considered a responsible adult. Your enrollment indicates acceptance of the [Code of Student Conduct](#). Some policies and procedures that may affect you are outlined below.

I UNDERSTAND THE FOLLOWING:

1. As a P-TECH student taking college classes, I am choosing to complete college level course content through Dallas College. I understand that during my junior and senior year, I may be required to take classes on the college campus. I agree to act appropriately, recognizing that college course materials contain adult materials and that the student body at the college includes students of all ages and backgrounds.
2. For incoming high school students who commit to a P-Tech Academy, a Summer Bridge program is required for TSIA2 preparation as well as leadership and team building opportunities.
3. I understand the courses offered to me are part of a pre-defined degree plan leading to an Associate's Degree and/or a College Approved Level I/II Certificate.. I understand that I am expected to complete all courses within my chosen degree plan. I also understand that I must meet all pre- requisites and other eligibility requirements prior to enrolling in college courses.
4. For students who are pursuing an Associate's Degree TSIA2 qualification or exemption is required for me to continue my degree plan beyond my sophomore year. Specific requirements are outlined below. Please Note: This does not apply to continue a Dallas College Level I/II Certificate degree plan.
 - a. An ELAR Score of 945+ and Essay Score of 5 - 8 or ELAR Score under 945 with an ELAR Diagnostic Level of 5 - 6 and Essay Score of 5 - 8.
 - b. A Math Score of 950+ or a Math Score under 950 and Math Diagnostic Level of 6.

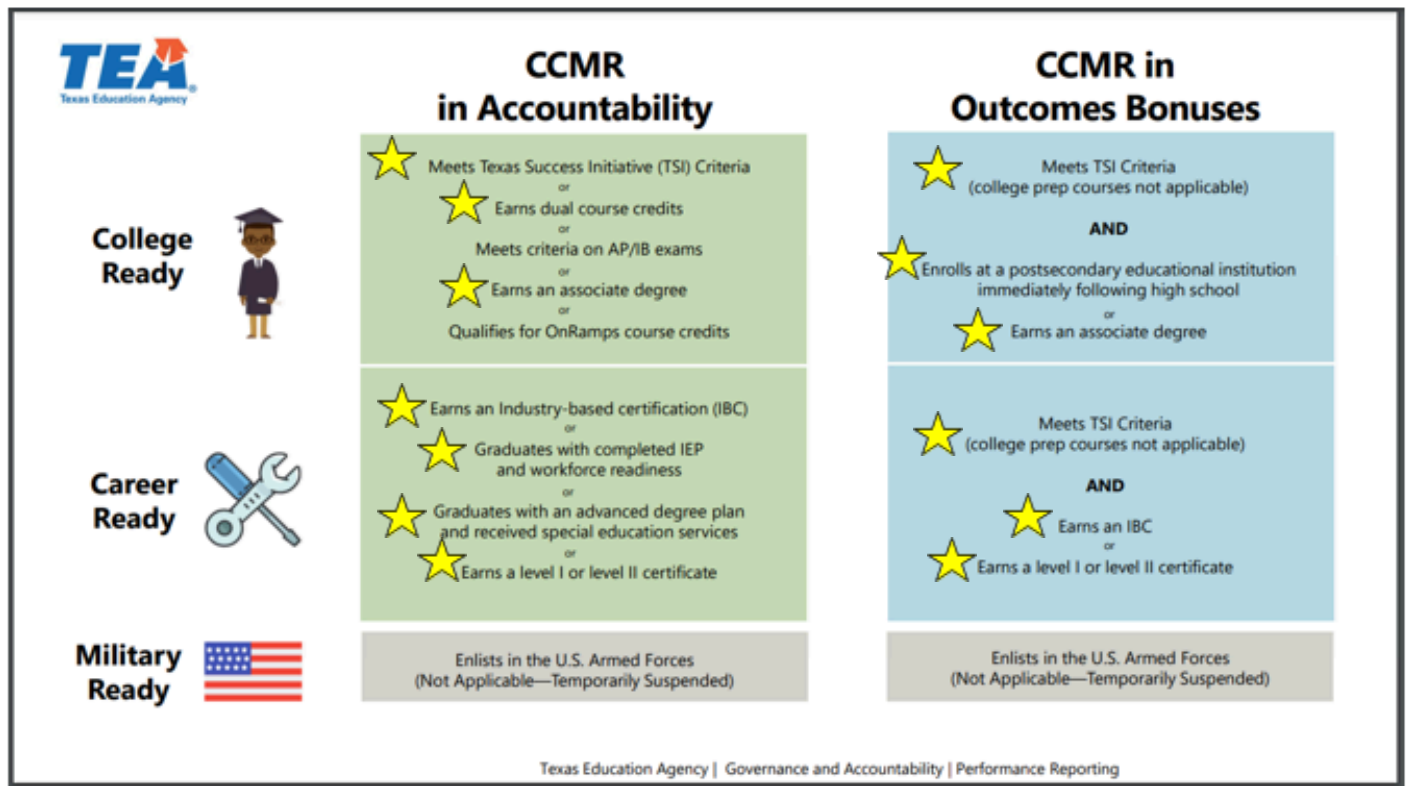
5. I understand that I am expected to complete all required courses in my P-TECH degree plan for all four years. If, at any time, I am experiencing extenuating circumstances and must request a drop, the P-TECH course drop form must be completed and signed by the parent/guardian, PTECH administration, PTECH instructor, and dual credit counselor.
6. I understand that RISD waives tuition, fees, and textbooks for P-TECH students enrolled in dual credit courses. If I have to repeat a college course due to failure or withdrawal, I am responsible for all fees, unless authorized approval is granted from my PTECH administrator, prior to registration. If I fail or withdraw from the same course more than once, which is required for my degree plan, I will be reviewed for an academic contract and potentially dropped from the PTECH program.
7. I understand that the grades that I earn in my dual credit courses will be a part of both my high school and college transcripts.
8. I understand that our P-TECH dual credit degrees are offered through Dallas College and that all curriculum and grading policies are governed by Dallas College. As a result, dual credit grading may differ from non dual credit Richardson ISD courses that must meet district grading policy guidelines. Dallas College grading policies supersede Richardson ISD grading policies and can vary by professor.
9. I understand that Dallas College grades, assignments, assessments, etc. will be housed in a separate learning management system (rather than Focus), decided upon by Dallas College administration. Dual credit coursework must be submitted appropriately to this learning management system in order to receive credit. ***Grades will not be posted to Focus**
10. I understand that it is my responsibility to know and understand the Dallas College course syllabus in regards to deadlines, professor communication, and testing policies.
11. I understand that I am required to follow the college's academic calendar, which may vary from the RISD calendar. In the case of absences, it is my responsibility to contact my instructor. I further understand that if I miss more than 10% of the time for any reason, I will be reviewed for an attendance contract and potentially dropped from the program.
12. FERPA (Family Education Rights and Privacy Act, 1974) is a privacy law designed to protect a student's educational records. FERPA gives parents rights to their children's educational records in grades K-12, but those rights transfer to the student once they enroll at a college or university. I understand that it is in my best interest as a student to waive my right to FERPA, so my parent/guardian can discuss my academic interests with my teacher and support my success.
13. I understand that some required courses in my degree plan only be offered online. In such cases an RSID teacher will serve as a class facilitator. As a student in this facilitated classroom, I am required to follow rules and guidelines of both the facilitator and online college professor. I understand my facilitator can assist in communication between myself and the professor, will keep weekly grade checks, and will also help as a tutor for class assignments. I also understand that no other assignments will be worked on during this facilitated class time, and it is an expectation to complete all coursework and exams during the facilitated class time.

I understand that I have the ability to seek support for my college courses from a variety of resources, including the Early College Liaison, the College Tutoring and Writing Centers, Professors' Office Hours, the College Library and any Teaching Assistants assigned to my courses. I understand that it is my responsibility to seek out help when I need it, and that college professors are less likely to contact me if I am falling behind or struggling in a course. I understand that teachers and counselors at a P-TECH 9-14 school are also available to help with college credit courses.

14. I understand that the P-TECH 9-14 school and/or the College will provide me all necessary textbooks and course materials for the duration of the semester. I agree to return all textbooks and course materials at the end of the semester in good condition. I further understand that if I lose or damage a textbook or other course materials, I will be required to reimburse the program for the full replacement cost of the materials.
15. All College policies pertain to me, and no exceptions will be made for me because of my age. I will refer to the College website for all policies and procedures.

Understanding CCMR

PTECH programs help student meet CCMR



Industry Based Certificates by Pathway

CTE Cluster	Programs of Study	CTE Course(s)	Industry Based Certification	Testing Window Complete by
Business, Marketing & Finance	Business Management	Business Management (CT7226) Practicum in Business Management (CT7612) Career Prep I (CT7251)	Microsoft Word Expert Entrepreneurship & Small Business National Retail Federation?	ESB- October 2 -13 NRF- March 25 - April 5, 2024
	Marketing	Sports & Entertainment Marketing I & II (CT7602 & CT7614) Social Media Marketing I & Advertising (CT7607 & CT7613) Practicum in Marketing I Practicum in Marketing II	Student Marketing	December 4-14, 2023
	Accounting & Financial Services	Securities & Investments 1(CT7303) Accounting I (CT7305) Accounting II Practicum in Business Management 1 or 3 (CT7227)	Entrepreneurship & Small Business Intuit Quickbooks Accounting Foundations (NOCTI)	ESB- October 2 -13 Quickbooks - March 25 - April 5, 2024
Education and Training	Teaching & Coaching	Instructional Practices(CT7242) Practicum Education I, II(CT7232)	Early Childhood Education and Care - Basic (NOCTI) Educational Aide, Level 1 (TEA)	ECE basic- March 25 - April 5; Educ Aide- June 2023
Health Science	Dual Credit Healthcare Therapeutic	Practicum I, II(CT7323D)	Certified EKG Technician Certified Pharmacy Technician Level 1- Patient Care Technician	June 2024
Law & Public Services	Law Enforcement	Law I (CT7521), Law II (CT7522), Correctional Services(CT7523), Practicum, Forensic Science	IAED Emergency Telecommunicator 911 Operator	March 25 - April 5, 2024
	Legal Studies Magnet	TBD	TBD	TBD

Health Care Careers Academy
Associate of Arts (Medical Assisting Focus)
[Dallas College Map](#)

College Courses

Semester	With 9 th Grade – College Courses	Semester	
Fall		Spring	MDCA 1313 – Medical Terminology (C1)
Summer	PHED 1164 – Introduction to Physical Fitness/Wellness		Total Credit Hours: 4

Semester	With 10 th Grade – College Courses	Semester	
Fall	ARTS 1301 – Art Appreciation		
Spring	SPCH 1315 – Public Speaking		
Spring	EDUC 1300- Learning Framework		Total Credit Hours: 12

Semester	With 11 th Grade – College Courses	Semester	
Fall	ENGL 1301 – English Composition I	Fall	MATH 1332 – Contemporary Mathematics
Fall	MDCA 1443 – Medical Insurance (C1)	Fall	HIST 1301 – US History I
Spring	*ENGL 1302 – English Composition II	Spring	PSYC 2301 – General Psychology
Spring	HPRS 2300 – Pharmacology for Health Professions (C1)	Spring	HIST 1302 – US History II
			Total Credit Hours: 25

Semester	With 12 th Grade – College Courses	Semester	
Fall	MDCA 1421 – Administrative Procedures (C1)	Fall	*ENGL 2332 – World Literature I
Fall	GEOL 1401 – Earth Sciences for Non-Science Majors I	Fall	GOVT 2305 – Federal Government
Spring	ENVR 1401 – Environmental Science I	Spring	MDCA 1352 – Medical Assistant Lab Procedures (C1)
Spring	MDCA 2361 – Medical/Clinical Assistant (C1)	Spring	GOVT 2306 – Texas Government
			Total Credit Hours: 27

AA/AS = 60 CREDIT HOURS TOTAL CREDIT HOURS: 68 HOURS * Course prerequisite required. *Courses in red are NOT part of the Associate degree.*

Certificate and degree course information is based on the [2022-2023 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.

Creative Arts options: See a counselor/advisor for placement. Courses include: ARTS 1301 – Art Appreciation DRAM 1310 – Introduction to Theatre	Mathematics options: See a counselor/advisor for placement. Courses include: MATH 1314 – College Algebra MATH 1316 – Plane Trigonometry MATH 1324 – Math for Business and Social Sciences MATH 1332 – Contemporary Mathematics
Life and Physical Science options: See a counselor/advisor for placement. Courses include: ENVR 1401 – Environmental Science I GEOL 1401 – Earth Sciences for Non-Science Majors I PHYS 1405, 1407 – Elementary Physics I & II	Behavioral & Social Sciences options: See a counselor/advisor for placement. Courses include: CRIJ 1301 – Introduction to Criminal Justice CRIJ 1307 – Crime in America ECON 2301 – Principles of Macroeconomics ECON 2302 – Principles of Microeconomics PSYC 2301 – General Psychology SOCI 1301 – Introduction to Sociology TECA 1354 – Child Growth and Development
Language, Philosophy, and Culture options: See a counselor/advisor for placement. Courses include: CHIN 2311, 2312 – Intermediate Chinese I & II ENGL 2332, 2333 – World Literature I & II FREN 2311, 2312 – Intermediate French I & II GERM 2311, 2312 – Intermediate German I & II JAPN 2311, 2312 – Intermediate Japanese I & II SGNL 2301, 2302 – Intermediate American Sign Language I & II SPAN 2311, 2312 – Intermediate Spanish I & II	Component Area options: See a counselor/advisor for placement. Courses include: OPTION A: SPCH 1311 – Introduction to Speech Communication SPCH 1315 – Public Speaking SGNL 1301, 1302 – Beginning American Sign Language I & II AND PHED 1164 – Introduction to Physical Fitness OPTION B: CHIN 1411, 1412 – Beginning Chinese I & II FREN 1411, 1412 – Beginning French I & II GERM 1411, 1412 – Beginning German I & II JAPN 1411, 1412 – Beginning Japanese I & II SPAN 1411, 1412 – Beginning Spanish I & II

Health Care Careers Academy
Associate of Arts (Medical Assistant Focus)
Richardson ISD Sample Graduation Plan



College Courses in the Pathway

MATH 1332 – Contemporary Math
 ENGL 1301 – Composition I
 ENGL 1302 – Composition II
 ENGL 2332 – World Literature to 1600
 HIST 1301 – US History I
 HIST 1302 – US History II
 ENVR 1401 – Environmental Science I
 GEOL 1401 – Earth Sciences for Non-Science Majors
 GOVT 2305 – Federal Government
 GOVT 2306 – Texas Government
 ARTS 1301 – Art Appreciation
 SPCH 1315 – Public Speaking
 PHED 1164 – Intro to Physical Fitness & Wellness (Summer Only)
 PSYC 2301- General Psychology
 MDCA 1443 – Medical Insurance
 HPRS 2300 – Pharmacology for Health Professions
 MDCA 1421 – Administrative Process
 MDCA 2361 – Medical/Clinical Assistant
 MDCA 1352 – Medical Assistant Lab Procedures

College Credit Hours Earned = 65

Associate of Arts in Medical Assisting

9th Grade	10th Grade	11th Grade	12th Grade
English I	English II	Dual Credit English III (1014D) ENGL 1301 & ENGL 1302	Dual Credit English IV (1020D) ENGL 2332 (Fall Only) English IV or AP English IV (Spring)
Algebra II	Geometry	Dual Credit AQR (3123D) MATH 1332 (Fall Only) AQR (Spring)	Advanced Math
Biology	Chemistry	Advanced Science- Anatomy & Physiology Recommended	Dual Credit Earth & Space Science (4032D) GEOL 1401 & ENVR 1401
World Geography	World History	Dual Credit US History (2003D) HIST 1301 & HIST 1302	Dual Credit Government (2007D) GOVT 2305 Dual Credit Texas Government (2022D) GOVT 2306
Foreign Language I	Foreign Language II	Elective (Fall) Psychology (2012D) PSYC 2301 (Spring)	Economics or AP Economics (Fall) Elective (Spring)
PE (Fall Semester) Elective (Spring Semester) Dual Credit PE (PE5020D) PHED 1164 (Summer Only)	Anatomy and Physiology	Elective	Elective
AVID P-TECH (9106)	Elective	MDCA 1443 & HPRS 2300	MDCA 2361 & MDCA 1352
Dual Credit Principles of Therapeutic Healthcare (CT7340D) MDCA 1313	Dual Credit Art Appreciation (FA8159D) ARTS 1301 Dual Credit Speech (CT1609D) SPCH 1315	MDCA 1443 & HPRS 2300	MDCA 2361 & MDCA 1352

Health Care Careers Academy
Associate of Arts (Medical Assistant Focus)
P-TECH Planning Guide

This planning worksheet is designed to assist counselors in planning coursework for P-TECH students. Use the tabs at the bottom to switch between different P-TECH Pathways. Be sure to note the year on each tab to ensure you are planning with the correct cohort.

Health Care Careers Academy
Patient Care Technician Certification
[Dallas College Map](#)

High School Courses

9th Grade	
Principles of Health Science	Principles of Health Science DUAL

10th Grade	
Health Science Theory DUAL	Health Science Theory DUAL

11th Grade	
Practicum in Health Science 1 DUAL	Practicum in Health Science 1 DUAL

12th Grade	
Practicum in Health Science 2 DUAL	Practicum in Health Science 2 DUAL

College Courses

Semester	With 9th Grade – College Courses	Semester	
Spring		Spring	HPRS 1202 – Wellness and Health Promotion
			Total Credit Hours: 2

Semester	With 10th Grade – College Courses	Semester	
Fall	HPRS 2231 – General Health Professions Management	Spring	HPRS 2201 – Pathophysiology
			Total Credit Hours: 4

Semester	With 11th Grade – College Courses	Semester	
Fall	HPRS 1204 – Basic Health Profession Skills	Spring	HPRS 2210 – Basic Health Profession Skills II
			Total Credit Hours: 4

Semester	With 12th Grade – College Courses	Semester	
Fall	HPRS 2300 – Pharmacology for Health Professions	Spring	HPRS 1201 – Introduction to Health Professions
		Spring	NUPC 1191 – Special Topics in Patient Care Assistant/Aide
			Total Credit Hours: 6

Health Care Careers Academy
Patient Care Tech Certification
[Richardson ISD Sample Graduation Plan](#)



College Courses in the Pathway

MATH 1314 – College Algebra
 MATH 1316 – Plane Trigonometry
 ENGL 1301 – Composition I
 ENGL 1302 – Composition II
 ENGL 2332 – World Literature to 1600
 ENGL 2333 – World Literature from 1600
 HIST 1301 – US History I
 HIST 1302 – US History II
 PHYS 1401 – College Physics I
 CHEM 1411 – General Chemistry I
 GOVT 2305 – Federal Government
 GOVT 2306 – Texas Government
 ECON 2301 – Principles of Macroeconomics
 ARTS 1301 – Art Appreciation
 SPCH 1315 – Public Speaking
 PHED 1164 – Intro to Physical Fitness & Wellness (Summer Only)
 HPRS 1201 – Introduction to Health Professions
 HPRS 1202 – Wellness & Health Promotion
 HPRS 2231 – General Health Professions Management
 HPRS 1204 – Basic Health Professions Skills I
 HPRS 2210 – Basic Health Professions Skills II
 HPRS 2201 - Pathophysiology
 HPRS 2300 - Pharmacology
 NUPC 1191 – Special Topics in Patient Care Assistant

Dual Credit Health Science & College Core Complete

9th Grade	10th Grade	11th Grade	12th Grade
English I	English II	Dual Credit English III (1014D) ENGL 1301 & ENGL 1302 Or AP English III (1016)	Dual Credit English IV (1020D) ENGL 2332 & ENGL 2333 Or AP English IV (1019)
Algebra I	OnRamps Algebra II (U3013)	Geometry	Dual Credit Pre-Calculus (3035D) MATH 1314 & MATH 1316 Or OnRamps Pre-Calculus (U3035D)
Biology	OnRamps Chemistry (U4008) CHEM 1411	OnRamps Physics (U4039) PHYS 1401	Advanced Science
World Geography	World History	Dual Credit US History (2003D) HIST 1301 & HIST 1302 Or AP US History (2015) Or OnRamps US History (U2003)	Dual Credit Government (2007D) GOVT 2305 Dual Credit Texas Government (2022D) GOVT 2306
Foreign Language I	Foreign Language II	PE (Fall Semester) Health (Spring Semester) Dual Credit PE (PE5020D) PHED 1164 (Summer Only)	Health Dual Credit Economics (2010D) ECON 2301
Elective	Elective	Elective	Elective
AVID P-TECH (9106)	Dual Credit Art Appreciation (FA8159D) ARTS 1301 Dual Credit Speech (CT1609D) SPCH 1315	Dual Credit Practicum in Health Science I HPRS 2210 & HPRS 2201	Dual Credit Practicum in Health Science II HPRS 2300 & NUPC 1191 OR EMT Advanced
Dual Credit Principles of Health Science (CT7339D) HPRS 1202	Dual Credit Health Science Theory (CT7332D) HPRS 2231 & HPRS 1201	Dual Credit Practicum in Health Science I (CT7323D) HPRS 1204 & HPRS 2210	Dual Credit Practicum in Health Science II (CT7334D) HPRS 2300 & NUPC 1191 HPRS 1201 OR EMT Advanced

College Credit Hours Earned = 62

Please note that this is just a sample 4-year plan for a student enrolled in this pathway.

*Not an associate degree but Level 1 certificate earned

Health Care Careers Academy
Patient Care Tech Certification
[P-TECH Planning Guide](#)

This planning worksheet is designed to assist counselors in planning coursework for P-TECH students. Use the tabs at the bottom to switch between different P-TECH Pathways. Be sure to note the year on each tab to ensure you are planning with the correct cohort.

Health Care Careers Academy
Emergency Medical Technician (EMT)
[Dallas College Map](#)

High School Courses

9th Grade	
Principles of Health Science (Appropriate course but not required for EMT Cert)	Principles of Health Science DUAL

10th Grade	
Health Science Theory DUAL	Health Science Theory DUAL

11th Grade	
Practicum in Health Science 1 DUAL	Practicum in Health Science 1 DUAL

12th Grade	
Fall	Spring
Practicum in Health Science 2 Extended -EMT	Practicum in Health Science 2 Extended -EMT

College Courses

Semester	With 9 th Grade – College Courses	Semester	
Spring		Spring	HPRS 1202 – Wellness and Health Promotion (Appropriate course but not required for EMT Cert)
			Total Credit Hours: 2

Semester	With 10 th Grade – College Courses	Semester	
Fall	HPRS 2231 – General Health Professions Management	Spring	HPRS 2201 – Pathophysiology
			Total Credit Hours: 4

Semester	With 11 th Grade – College Courses	Semester	
Fall	HPRS 1204 – Basic Health Profession Skills	Spring	HPRS 2210 – Basic Health Profession Skills II
			Total Credit Hours: 4

Course information is based on the [2022-2023 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.

Health Care Careers Academy
Emergency Medical Technician (EMT)
Richardson ISD Sample Graduation Plan



College Courses in the Pathway

MATH 1314 – College Algebra
 MATH 1316 – Plane Trigonometry
 ENGL 1301 – Composition I
 ENGL 1302 – Composition II
 ENGL 2332 – World Literature to 1600
 ENGL 2333 – World Literature from 1600
 HIST 1301 – US History I
 HIST 1302 – US History II
 PHYS 1401 – College Physics I
 CHEM 1411 – General Chemistry I
 GOVT 2305 – Federal Government
 GOVT 2306 – Texas Government
 ECON 2301 – Principles of Macroeconomics
 ARTS 1301 – Art Appreciation
 SPCH 1315 – Public Speaking
 PHED 1164 – Intro to Physical Fitness & Wellness (Summer Only)
 HPRS 1201 – Introduction to Health Professions
 HPRS 1202 – Wellness & Health Promotion
 HPRS 2231 – General Health Professions Management
 HPRS 1204 – Basic Health Professions Skills I
 HPRS 2210 – Basic Health Professions Skills II
 HPRS 2201 – Pathophysiology
 HPRS 2300 – Pharmacology
 NUPC 1191 – Special Topics in Patient Care Assistant

College Credit Hours Earned = 62

Dual Credit Health Science & College Core Complete

9th Grade	10th Grade	11th Grade	12th Grade
English I	English II	Dual Credit English III (1014D) ENGL 1301 & ENGL 1302 Or AP English III (1016)	Dual Credit English IV (1020D) ENGL 2332 & ENGL 2333 Or AP English IV (1019)
Algebra I	OnRamps Algebra II (U3013)	Geometry	Dual Credit Pre-Calculus (3035D) MATH 1314 & MATH 1316 Or OnRamps Pre-Calculus (U3035D)
Biology	OnRamps Chemistry (U4008) CHEM 1411	OnRamps Physics (U4039) PHYS 1401	Advanced Science
World Geography	World History	Dual Credit US History (2003D) HIST 1301 & HIST 1302 Or AP US History (2015) Or OnRamps US History (U2003)	Dual Credit Government (2007D) GOVT 2305 Dual Credit Texas Government (2022D) GOVT 2306
Foreign Language I	Foreign Language II	PE (Fall Semester) Health (Spring Semester) Dual Credit PE (PE5020D) PHED 1164 (Summer Only)	Health Dual Credit Economics (2010D) ECON 2301
Elective	Elective	Elective	Elective
AVID P-TECH (9106)	Dual Credit Art Appreciation (FA8159D) ARTS 1301 Dual Credit Speech (CT1609D) SPCH 1315	Dual Credit Practicum in Health Science I HPRS 2210 & HPRS 2201	Dual Credit Practicum in Health Science II HPRS 2300 & NUPC 1191 OR EMT Advanced
Dual Credit Principles of Health Science (CT7339D) HPRS 1202	Dual Credit Health Science Theory (CT7332D) HPRS 2231 & HPRS 1201	Dual Credit Practicum in Health Science I (CT7323D) HPRS 1204 & HPRS 2210	Dual Credit Practicum in Health Science II (CT7334D) HPRS 2300 & NUPC 1191 HPRS 1201 OR EMT Advanced

Please note that this is just a sample 4-year plan for a student enrolled in this pathway.

*Not an associate degree but can earn EMT certification through licensure testing

Health Care Careers Academy
Emergency Medical Technician (EMT)
P-TECH Planning Guide

This planning worksheet is designed to assist counselors in planning coursework for P-TECH students. Use the tabs at the bottom to switch between different P-TECH Pathways. Be sure to note the year on each tab to ensure you are planning with the correct cohort.

Business

Associate of Arts (Business Management Focus)

[Dallas College Map](#)

College Courses

Semester	With 9 th Grade – College Courses	Semester	
Spring	BCIS 1305 – Business Computer Applications	Summer	PHED 1164 – Introduction to Physical Fitness
			Total Credit Hours: 4

Semester	With 10 th Grade – College Courses	Semester	
Fall	ARTS 1301 – Art Appreciation	Spring	SPCH 1315 – Public Speaking
Spring	BUSI 1301 – Business Principles		
			Total Credit Hours: 9

Semester	With 11 th Grade – College Courses	Semester	
Fall	ENGL 1301 – English Composition I	Fall	HIST 1301 – US History I
Fall	ECON 2301 – Principles of Macroeconomics	Spring	*ENGL 1302 – English Composition II
Spring	ACNT 1303 – Introduction to Accounting I	Spring	HIST 1302 – US History II
Spring	GOVT 2305 – Federal Government		
			Total Credit Hours: 21

Semester	With 12 th Grade – College Courses	Semester	
Fall	MATH 1324 – Math for Business and Social Science	Spring	GOVT 2306 – Texas Government
Fall	ACCT 2301 – Principles of Financial Accounting	Fall	ENGL 2332 – World Literature I
Fall	GEOL 1401 – Earth Science for Non-Science Majors	Spring	BUSI 2305 – Business Statistics
Spring	*ACCT 2302 – Principles of Management Accounting	Spring	ENVR 1401 – Environmental Science I
Fall	ECON 2302 – Principles of Microeconomics		
			Total Credit Hours: 29

AA/AS = 60 CREDIT HOURS TOTAL CREDIT HOURS: 63 HOURS * Course prerequisite required. *Courses in red are NOT part of the Associate degree.*

Certificate and degree course information is based on the [2022-2023 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.

Creative Arts options: See a counselor/advisor for placement. Courses include: ARTS 1301 – Art Appreciation DRAM 1310 – Introduction to Theatre	Life and Physical Science options: See a counselor/advisor for placement. Courses include: ENVR 1401 – Environmental Science I GEOL 1401 – Earth Sciences for Non-Science Majors I PHYS 1405, 1407 – Elementary Physics I & II
Language, Philosophy, and Culture options: See a counselor/advisor for placement. Courses include: CHIN 2311, 2312 – Intermediate Chinese I & II ENGL 2332, 2333 – World Literature I & II FREN 2311, 2312 – Intermediate French I & II GERM 2311, 2312 – Intermediate German I & II JAPN 2311, 2312 – Intermediate Japanese I & II SGNL 2301, 2302 – Intermediate American Sign Language I & II SPAN 2311, 2312 – Intermediate Spanish I & II	

Business

Associate of Arts (Business Management Focus)

[Richardson ISD Sample Graduation Plan](#)



College Courses in the Pathway

ACCT 2301 – Principles of Financial Accounting
 ACCT 2302 – Accounting Capstone
 ACNT 1303 – Introduction to Accounting
 ARTS 1301 – Art Appreciation
 BCIS 1305 – Business Computer Applications
 BUSI 1301 – Business Principles
 BUSI 2305 – Business Statistics
 ECON 2301 – Principles of Macroeconomics
 ECON 2302 – Principles of Microeconomics
 ENGL 1301 – Composition I
 ENGL 1302 – Composition II
 ENGL 2332 – World Literature I
 ENVR 1401 – Environmental Science I
 GEOL 1401 – Earth Sciences for Non-Science Majors
 GOVT 2305 – Federal Government
 GOVT 2306 – Texas Government
 HIST 1301 – US History: Colonial Period – 1877
 HIST 1302 – US History: Reconstruction – Modern Day
 MATH 1324 – Math for Business & Social Science
 PHED 1164 – Intro to Physical Fitness & Wellness (Summer Only)
 SPCH 1315 – Public Speaking

College Credit Hours Earned = 63

Associates Degree of Arts in Business

9th Grade	10th Grade	11th Grade	12th Grade
English I	English II	Dual Credit English III (1014D) ENGL 1301 & ENGL 1302	Dual Credit English IV (1020D) ENGL 2332 (Fall Only) English IV or AP English IV (Spring)
Algebra I	Algebra II	Geometry	Dual Credit Business Math (3059D) MATH 1324 & BUSI 2305
Biology	Chemistry	Advanced Science	Dual Credit Earth & Space Science (4032D) GEOL 1401 & ENVR 1401
World Geography	World History	Dual Credit US History (2003D) HIST 1301 & 1302	Dual Credit Microeconomics (2032D) ECON 2302 Dual Credit Texas Government (2022D) GOVT 2306
Foreign Language I	Foreign Language II	Elective	Elective
AVID P-TECH (9106)	Elective	Elective	Elective
PE (Fall Semester) Health (Spring Semester) Dual Credit PE (PE5020D) PHED 1164 (Summer Only)	Dual Credit Art Appreciation (FA8159D) ARTS 1301 Dual Credit Speech (CT1609D) SPCH 1315	Dual Credit Economics (2010D) ECON 2301 Dual Credit Government (2007D) GOVT 2305	Elective
Dual Credit Business Information Management (CT7222D) BCIS 1305	Dual Credit Business Management (CT7226D) BUSI 1301	Dual Credit Accounting I (CT7305D) ACNT 1303	Dual Credit Accounting II (CT7304D) ACCT 2301 & ACCT 2302

Please note that this is just a sample 4 year plan for a student enrolled in this pathway.

*An associate degree OR Level 1 certificate earned

Business

Associate of Arts (Business Management Focus)

[P-TECH Planning Guide](#)

This planning worksheet is designed to assist counselors in planning coursework for P-TECH students. Use the tabs at the bottom to switch between different P-TECH Pathways. Be sure to note the year on each tab to ensure you are planning with the correct cohort.

Business

Criminal Justice Certificate

[Dallas College Map](#)

High School Courses

(Determined by HS/ISD)

9th Grade	
Principles of Law	
10th Grade	
Law 1	Law 1 Dual Credit
11th Grade	
Law 2 Dual Credit	Law 2 Dual Credit
12th Grade	
Practicum in Law Public Safety and Corrections Dual	Practicum in Law Public Safety and Corrections Dual

College Courses

Semester		Semester	9 th Grade
Spring			CRIJ 1301
			Total Year Credit Hours: 3

Semester	10 th Grade	Semester	10 th Grade
Spring			'CRIJ 1306
			Total Year Credit Hours: 3

To Increase the Probability of Degree Attainment, Student Should be TSI Reading/Writing Met Prior to 11th Grade

Semester	11 th Grade	Semester	11 th Grade
Spring	'CJSA 1348	Fall	'CJSA 1330
			Total Year Credit Hours: 6

Semester	12 th Grade	Semester	12 th Grade
Fall	'CJSA 1393 – Special Topics in Criminal Justice Studies	Spring	'CJSA 2334 – Contemporary Issues in Criminal Justice
			Total Year Credit Hours: 6

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.

*A Level 1 or 2 certificate can be earned

Business

Criminal Justice Certificate

[P-TECH Planning Guide](#)

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Grow 2 Teach

Associate of Arts (Teaching Focus)

[Dallas College Map](#)

College Courses

Semester	With 9 th Grade – College Courses	Semester	
			Total Credit Hours: 0

Semester	With 10 th Grade – College Courses	Semester	
Fall	ARTS 1301 – Art Appreciation	Fall	TECA 1354 – Child Growth and Development
Spring	SPCH 1315 – Public Speaking	Spring	Total Credit Hours: 12 TECA 1311– Educating Young Children

Semester	With 11 th Grade – College Courses	Semester	
Fall	ENGL 1301 – English Composition I	Fall	MATH 1314 – College Algebra
Fall	HIST 1301 – US History I	Fall	GOVT 2305 – Federal Government
Spring	*MATH 1316 – Plane Trigonometry I	Fall	EDUC 1301 – Introduction to the Teaching Profession
Spring	HIST 1302 – US History II	Spring	*ENGL 1302 – English Composition II
Spring	EDUC 2301– Introduction to Special Population		
			Total Credit Hours: 27

Semester	With 12 th Grade – College Courses	Semester	
Fall	*MATH 1350 – Mathematics for Teachers I	Fall	*GEOL 1401 – Earth Science for Non-Science Majors I
Fall	PHYS 1405 – Elementary Physics I	Spring	BIO 1408– Biology for Non-Science Majors I
Spring	*HUMA 1302 – Introcuton to Humanities II	Spring	GOVT 2306 – Texas Government
Spring	*MATH 1351 – Mathematics for Teachers II		
			Total Credit Hours: 24

AA/AS = 60 CREDIT HOURS TOTAL CREDIT HOURS: 63 HOURS * Course prerequisite required. *Courses in red are NOT part of the Associate degree.*

Certificate and degree course information is based on the [2022-2023 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.

Creative Arts options: See a counselor/advisor for placement. Courses include: ARTS 1301 – Art Appreciation DRAM 1310 – Introduction to Theatre	Life and Physical Science options: See a counselor/advisor for placement. Courses include: ENVR 1401 – Environmental Science I GEOL 1401 – Earth Sciences for Non-Science Majors I PHYS 1405, 1407 – Elementary Physics I & II
Language, Philosophy, and Culture options: See a counselor/advisor for placement. Courses include: CHIN 2311, 2312 – Intermediate Chinese I & II ENGL 2332, 2333 – World Literature I & II FREN 2311, 2312 – Intermediate French I & II GERM 2311, 2312 – Intermediate German I & II JAPN 2311, 2312 – Intermediate Japanese I & II SGNL 2301, 2302 – Intermediate American Sign Language I & II SPAN 2311, 2312 – Intermediate Spanish I & II	Behavioral & Social Sciences options: See a counselor/advisor for placement. Courses include: CRIJ 1301 – Introduction to Criminal Justice CRIJ 1307 – Crime in America ECON 2301 – Principles of Macroeconomics ECON 2302 – Principles of Microeconomics PSYC 2301 – General Psychology SOCL 1301 – Introduction to Sociology TECA 1354 – Child Growth and Development

Grow 2 Teach

Associate of Arts (Teaching Focus)

[Richardson ISD Sample Graduation Plan](#)



Associate of Arts in Teaching Grade EC-6

College Courses in the Pathway

ARTS 1301 – Art Appreciation
 EDUC 1301 – Introduction to the Teaching Profession
 EDUC 2301 – Introduction to Special Populations
 ENGL 1301 – Composition I
 ENGL 1302 – Composition II
 ENGL 2332 – World Literature I
 ENVR 1401 – Environmental Science I
 GEOL 1401 – Earth Sciences for Non-Science Majors
 GOVT 2305 – Federal Government
 GOVT 2306 – Texas Government
 HIST 1301 – US History: Colonial Period – 1877
 HIST 1302 – US History: Reconstruction – Modern Day
 MATH 1314 – College Algebra
 MATH 1316 – Plane Trigonometry I
 MATH 1350 – Mathematics for Teachers I
 MATH 1351 – Mathematics for Teachers II
 PHYS 1405 – Elementary Physics I
 PHYS 1407 – Elementary Physics II
 SPCH 1315 – Public Speaking
 TECA 1354 – Child Growth & Development

College Credit Hours Earned = 64

9th Grade	10th Grade	11th Grade	12th Grade
English I	English II	Dual Credit English III (1014D) ENGL 1301 & ENGL 1302	Dual Credit English IV (1020D) ENGL 2332 (Fall Only) English IV or AP English IV (Spring)
Algebra I	Algebra II	Dual Credit Pre-Calculus (3035D) MATH 1314 & MATH 1316	MATH 1350 & MATH 1351
Biology	Chemistry	Dual Credit Earth & Space Science (4032D) GEOL 1401 & ENVR 1401	Dual Credit Physics (4010D) PHYS 1405 & PHYS 1407
World Geography	World History	Dual Credit US History (2003D) HIST 1301 & 1302	Dual Credit Fed Government (2007D) GOVT 2305 Dual Credit Texas Government (2022D) GOVT 2306
Foreign Language I	Foreign Language II	Elective (1 semester) Health (1 semester)	Elective
AVID P-TECH (9106)	Elective	Elective	Elective
PE	Dual Credit Art Appreciation (FA8159D) ARTS 1301 (Fall) Dual Credit Speech (CT1609D) SPCH 1315 (Spring)	Elective	Elective
Principles of Education & Training (CT7240)	Dual Credit Child Development (CT7424D) TECA 1354 (Spring)	Dual Credit Instructional Practices (CT7242D) EDUC 1301	Dual Credit Practicum in Education & Training I (CT7232D) EDUC 2301

*An associate degree OR Level 1 certificate earned

Grow 2 Teach

Associate of Arts (Teaching Focus)

[P-TECH Planning Guide](#)

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