



Collin County Community College District and  
Plano Independent School District

Partnership Agreement for 2021-2022

# Table of Contents

Student Eligibility ..... 2

Faculty Selection, Supervision, and Evaluation ..... 2

Location of Class and Student Composition of Class ..... 3

Academic Policies And Student Support Services ..... 3

Eligible Courses ..... 4

Course Curriculum, Instruction, and Grading..... 4

Transcription of Credit..... 5

Additional Services ..... 5

Approval Signatures..... 6

Appendix A: HB 1638 ..... 7

Appendix B: Courses approved for Plano ISD/Collin College Dual Credit for the 2020-2021  
academic year..... 9

Articulated Credits or Courses:..... 21

Appendix C: Crosswalk approved for Plano ISD/Collin College Dual Credit for the 2020-2021  
academic year..... 22

Appendix D: Programs approved for Plano ISD/Collin College Dual Credit for the 2020-2021  
academic year..... 27

Appendix E: College and Career Counselors Initiative ..... 30

Appendix F: Collin College Technical Campus/CTE Partnership Agreement 2021-22 ..... 31

Appendix G: Plano Academy ..... 36

Appendix H: Dual Credit Embedded Faculty FAQs ..... 37

Collin County Community College District and  
Plano Independent School District  
Partnership Agreement for 2020-2021

---



Collin County Community College District (Collin College or the “College”) and the Plano Independent School District (Plano ISD) hereby enter into the following Partnership Agreement (“Agreement”) to provide opportunities for high school students to concurrently enroll in college courses and programs. This Agreement is written in accordance with Title 19, Part 1, Chapter 9, Subchapter H of the Texas Administration Code pertaining to partnerships between secondary schools and public two-year colleges.

Collin County Community College District and the Plano Independent School District agree to enter into a partnership to award dual course credit. Concurrent enrollment allows students to be enrolled in high school and college at the same time. Dual credit courses are available to concurrently enrolled students and award both high school and college credit for the same class. Unless noted, this Agreement applies to concurrent enrollment for dual credit only.

#### STUDENT ELIGIBILITY

Prior to enrolling in college classes, students must satisfy Texas Success Initiative (TSI) requirements. The TSI assessment is a test in reading, writing, and mathematics that is required of all students taking college-level courses at a public college in Texas. Students must also satisfy all college local assessment requirements.

High school students may be exempt from state-mandated testing if they meet the qualifying standards listed in the current Collin College Catalog. Exemptions may be extended for the SAT or ACT. Dual credit students may be able to use temporary waivers (TSI waived for one year) with appropriate scores in PSAT, Aspire, STAAR English II or Algebra I.

Students may also be exempt if they are enrolling in workforce education courses contained in a Level I certificate or a program leading to a credential of less than a Level I certificate.

Students must have permission from Plano ISD to enroll. The College must be notified if students are receiving dual credit or if students are early admissions only.

Official high school transcripts are not required to participate in the Collin College Dual Credit Program. However, one may be required to demonstrate college readiness and to confirm academic information such as test scores, grade classification, vaccination, and other pertinent information.

#### FACULTY SELECTION, SUPERVISION, AND EVALUATION

All instructors will meet the minimum requirements to teach as specified by the SACSCOC.

The College shall select, supervise, and evaluate instructors for courses which result in the award of dual credit.

Instructors teaching dual credit courses will be required to meet the same standards, reviews, and approval procedures used by the College to select all college faculty.

Official transcripts of all faculty must be kept on file at the College.

Embedded faculty are full-time high school teachers hired by Collin College as associate faculty to teach College courses during regular high school hours. During the college course time at the high school, embedded faculty are under the guidance of Collin College and must follow the guidelines and procedures of the College such as but not limited to, curriculum, FERPA, syllabus, college schedule, etc.

Faculty employed with Plano ISD who teach a dual credit course under this Agreement outside of their regular duty hours with the school district are considered employees of Collin College for the purposes of the dual credit course. As employees of Collin College, such faculty will be paid for services rendered under this Agreement in accordance with Collin College's faculty compensation plan.

Faculty employed with Plano ISD who teach a dual credit course under this Agreement as part of their regular duty hours with Plano ISD will not receive additional compensation from Collin College. All Dual Credit faculty qualifications outlined in this Agreement still apply. Collin College will pay Plano ISD the equivalent of the current associate faculty rate of pay and dual credit stipend for the course as consideration for the faculty member teaching the dual credit course.

Dual Credit Embedded Faculty FAQs are attached as Appendix H.

#### LOCATION OF CLASS AND STUDENT COMPOSITION OF CLASS

Dual Credit courses may be taught on one of the College's campuses, at the high school, online, or at an agreed upon location. During Maymester and Wintermester terms, dual/concurrent credit students may enroll in one online course.

Courses will be comprised of dual credit high school students only or of dual credit high school students and college credit students. High school students will not be allowed to concurrently enroll in college courses for high school credit only.

#### ACADEMIC POLICIES AND STUDENT SUPPORT SERVICES

Plano ISD must provide an atmosphere which promotes a collegiate environment for classes which includes adequate classroom facilities, and ensures no disruptions of college classes for announcements, pep rallies, etc., or removal of students from class to conduct high school related activities. After a term's registration period has started, changes cannot be made to the College's class schedule, unless there are extenuating circumstances.

Dual credit courses will follow the Collin College academic calendar. If the Plano ISD calendar is different from that of Collin College, Plano ISD will ensure that a classroom and facilities are available for the scheduled college class.

High school dual credit and concurrent enrollment students will have access to all college academic and student support services including, but not limited to, libraries, electronic library resources, writing centers, tutorial services, assessment, admissions, and academic advisement. Some services are available only on Collin College's campuses.

Per HB1638, all dual credit students receive academic and/or college readiness advising as referenced in the attached Appendix A. Per SB 1277, Plano ISD designates the high school campus counselor as responsible for academic advising to students in the dual credit program.

High school dual credit and concurrent enrollment students agree to abide by all Collin College policies and procedures as outlined in the current Student Handbook.

Students with disabilities who need accommodations must apply for disability services, provide current documentation, and be determined eligible for the accommodations at Collin College. Not all students who qualify for modification for high school classes will be eligible for accommodations in college classes.

If determined eligible for academic accommodations at Collin College, students must request accommodations each semester. Dual credit course location will determine who provides the academic accommodation needs determined by Collin College's ACCESS Department. Dual credit course accommodations offered on the high school campus are provided by high school personnel. Dual credit course accommodations offered on a Collin College campus will be provided by Collin College personnel.

#### **ELIGIBLE COURSES**

All courses offered for dual credit will be identified as college-level academic courses in the current edition of the Lower Division Academic Course Guide Manual or as a college level technical course in an Associate of Applied Science (AAS) degree or certificate program. Collin College does not offer physical education activity courses for dual credit.

Courses listed in the attached Appendix B have been approved for the 2020-2021 academic year. A course equivalency crosswalk that identifies the number of credits that may be earned for each course completed through the dual credit program in the attached Appendix C has been approved for the 2020-2021 academic year. Programs listed in the attached Appendix D have been approved for the 2020-2021 academic year.

Additional courses may be added with approval from Plano ISD and Collin College. An addendum will be created if three or more additional courses are requested by Plano ISD.

#### **COURSE CURRICULUM, INSTRUCTION, AND GRADING**

The College will ensure that a dual credit course and the corresponding course offered at the main campus of the College are equivalent with respect to the curriculum, materials, instruction, and method/rigor of student evaluation. These standards will be upheld regardless of the student composition of the class.

Students will be expected to meet all requirements of the dual credit and concurrent enrollment class and will receive letter grades on their Collin College transcript. College faculty will provide numeric grades at the end of the semester to be weighted or factored into the student's high school grade point average as determined by Plano ISD. Mid-term grades will be provided upon request. Faculty members teaching dual credit courses will alert both the College liaison and the designated high school counselor of any students having academic difficulty.

Faculty are conscious of FERPA guidelines when communicating with students about grades. Grade information is not provided over the phone or via non-college e-mail. Currently grades of A, B, C, D, F, and

I are awarded by faculty to each student on their college transcript. Grades of “I” are only temporary and must be resolved by the end of the next long semester. Numeric grades are also provided to Plano ISD. If a student withdraws from a course, a “W” will appear on the student’s college transcript.

The Grade Appeals Process is available online: <http://www.collin.edu/studentresources/support/gradeappeal.html>.

Faculty will attend faculty meetings and other special meetings called by the division office as needed.

#### TRANSCRIPTION OF CREDIT

High school and college credit will be added to the students’ transcripts immediately by Plano ISD and Collin College upon the student's completion of the dual credit course.

#### FUNDING

State funding for dual credit courses will be available to both Plano Independent School District and Collin County Community College District based upon the current agreement between the Commissioner of Education and Commissioner of Higher Education.

Plano ISD participates in third party billing for the Plano Health Science Academy and agrees to abide by the policies set forth by the Bursar’s office. Tuition and fees will be collected from Plano ISD unless evidence is presented documenting the high school student's eligibility for the reduced or free lunch program in Plano ISD. Plano ISD is also responsible for purchasing student textbooks for health science courses. For academic courses, students are responsible for purchasing their own textbooks.

For Plano ISD students not participating in the Plano Health Science Academy, tuition and fees will be collected from high school students unless evidence is presented documenting the high school student's eligibility for the reduced or free lunch program in Plano ISD. All dual credit students are responsible for purchasing their own textbooks and other required course materials.

#### TERMINATION

It is agreed that either party may terminate this Agreement effective thirty (30) days after the receipt of written notification.

#### ADDITIONAL SERVICES

Both parties agree to add the College and Career Counselors Initiative as described in Appendix E, as well as to the Collin Technical Campus/CTE Partnership Agreement 2021-22 as described in Appendix F.

Both parties agree to amend this Agreement to provide specific services and programs to the Plano Academy. This will not apply to other campuses or high schools in Plano ISD as described in Appendix G.

APPROVAL SIGNATURES



Sara M. Bonser (Oct 4, 2021 16:42 CDT)

Oct 4, 2021

---

Ms. Sara Bonser, Superintendent  
Plano Independent School District

Date



Neil Matkin (Sep 10, 2021 16:00 CDT)

Sep 10, 2021

---

Dr. H. Neil Matkin, District President  
Collin County Community College District

Date

**APPENDIX A: HB 1638**

HB 1638 (85th Legislature, Regular Session), as codified in Texas Education Code, Section 28.009 (b-1) and (b-2), requires the THECB and the TEA to collaboratively develop statewide goals for dual credit programs in Texas. These goals provide guidance to institutions of higher education and independent school districts on components that must be in place to ensure quality dual credit programs are provided to Texas high school students. These statewide goals address enrollment in and acceleration through postsecondary education, performance in college-level coursework, and strong academic advising.

**Goal 1:** *ISDs and IHEs will implement purposeful and collaborative outreach efforts to inform all students and parents of the benefits and costs of dual credit, including enrollment and fee policies.*

Collin College's dual credit website is regularly updated with enrollment guidelines, policies, and program details. This includes ISD registration and payment deadlines, information session schedules, FAQs, forms and links to student resources.

Collin College provides dual credit information sessions each spring at all partnering high schools to potential students, parents and school counselors before students enroll into dual credit classes for fall.

On an annual basis, Collin College provides two dual credit update sessions to all HS counselors. These include updates on dual credit procedures, testing, ACCESS, as well as shared best practices from school districts. Collin College offers a yearly All-Star Counselor Conference for all local high school counselors. This event is hosted by Collin's president to honor and reward high school counselors. Breakout sessions with relevant topics are provided and keynote speakers address current issues.

Collin College also uses marketing materials to help inform students and parents regarding the benefits of dual credit. The Mobile Go Center is utilized as well. The Mobile Go Center is a 42-foot air-conditioned trailer equipped with laptop computers, televisions, a printer, and internet connectivity. It is used for dual credit admissions and registration events as well as promotional events. Collin College also has embedded College & Career Counselors at partnering high schools. The College & Career Counselors are part of a new initiative to support local school districts college and career readiness goals. They provide dual credit academic advising, orientations, workshops, and other related services as requested.

**Goal 2:** *Dual credit programs will assist high school students in the successful transition to and acceleration through postsecondary education.*

Collin College has embedded College & Career Counselors at partnering high schools. The College and Career Counselors are part of a new initiative to support local school districts college and career readiness goals. They provide dual credit academic advising, orientations, workshops, and other related services as requested.

**Goal 3:** *All dual credit students will receive academic and college readiness advising with access to student support services to bridge them successfully into college course completion.*



All dual credit students receive academic and/or college readiness advising provided by Special Admissions Coordinators and College & Career Counselors. High school dual credit students have access to all college academic and student support services including, but not limited to, libraries, electronic library resources, writing centers, tutorial services, academic accommodations, assessment, admissions, and academic advisement. Per House Bill 5, Collin College also partners with local ISDs to develop and provide courses in college preparatory mathematics and English language arts to prepare students for success in entry-level college courses without the need for remedial or developmental coursework.

**Goal 4:** *Dual credit students' performance will meet or exceed the level of quality and rigor on subsequent courses.*

Collin College ensures that a dual credit course and the corresponding course offered at the main campus of the College are equivalent with respect to the curriculum, materials, instruction, and method/rigor of student evaluation. These standards are upheld regardless of the student composition of the class.

Instructors teaching dual credit courses are required to meet the same standards, reviews, and approval procedures used by the College to select all College faculty. Faculty attend professional development opportunities provided by Collin College throughout the year.

**APPENDIX B: COURSES APPROVED FOR PLANO ISD/COLLIN COLLEGE DUAL CREDIT FOR THE 2020-2021 ACADEMIC YEAR.****ARTS 1301 Art Appreciation**

A general introduction to the visual arts designed to create an appreciation of the vocabulary, media, techniques, and purposes of the creative process. Students will critically interpret and evaluate works of art within formal, cultural, and historical context. Prerequisite: Meet TSI standard for INRW 0315; or equivalent. 3 credit hours.

**ARTS 1303 Art History I (Prehistoric to the 14th century)**

A chronological analysis of the historical and cultural contexts of the visual arts from prehistoric times to the 14th century. Prerequisite: Meet TSI standard for INRW 0315; or equivalent. 3 credit hours. (A) Note: Students should expect additional supply costs.

**BIOL 1406 Biology for Science Majors I**

Lecture: Fundamental principles of living organisms will be studied, including physical and chemical properties of life, organization, function, evolutionary adaptation, and classification. Concepts of cytology, reproduction, genetics, and scientific reasoning are included. Lab: Laboratory activities will reinforce the fundamental principles of living organisms, including physical and chemical properties of life, organization, function, evolutionary adaptation, and classification. Study and examination of the concepts of cytology, reproduction, genetics, and scientific reasoning are included. Lab required. Prerequisite: Meet TSI standard for MATH 0310, and TSI college-readiness standard for Reading and Writing; or equivalent. 4 credit hours.

**BIOL 1407 Biology for Science Majors II**

Lecture: The diversity and classification of life will be studied, including animals, plants, protists, fungi, and prokaryotes. Special emphasis will be given to anatomy, physiology, ecology, and evolution of plants and animals. Lab: Laboratory activities will reinforce study of the diversity and classifications of life, including animals, plants, protists, fungi, and prokaryotes. Special emphasis will be given to anatomy, physiology, ecology, and evolution of plants and animals. Lab required. Prerequisite: BIOL 1406. 4 credit hours. Note: This course includes dissection in lab.

**BIOM 2201 Safety in Health Care Facilities**

Study of codes, standards and management principles related to biomedical instrumentation. Emphasizes application of safety test equipment, preventive maintenance procedures, and documentation of work performed. Lab required. Prerequisite: HITT 1305. 2 credit hours.

**BIOM 2311 General Medical Equipment I**

Analysis of selected current paths from a larger schematic. Discussion of equipment and disassembly and reassembly of equipment. Lab required. Prerequisites: CETT 1407, CETT 1425, and HITT 1305. 3 credit hours.

**BMGT 1305 Communications in Management**

Basic theory and processes of communication skills necessary for the management of an organization's workforce. 3 credit hours.

**CETT 1407 Fundamentals of Electronics**

Applies concepts of electricity, electronics, and digital fundamentals; supports programs requiring a general knowledge of electronics. Lab required. Corequisite: TECM 1343 or consent of Instructor. 4 credit hours.

**CETT 1409 DC-AC Circuits**

Fundamentals of DC circuits and AC circuits operation including Ohm's law, Kirchhoff's laws, networks, transformers, resonance, phasors, capacitive and inductive circuit analysis techniques. Lab required. Prerequisites: CETT 1407 and TECM 1343. 4 credit hours.

**CETT 1425 Digital Fundamentals**

Formerly CETT 1325. An entry level course in digital electronics to include numbering systems, logic gates, Boolean algebra, and combinational logic. Lab required. 4 credit hours.

**CETT 1445 Microprocessor**

Formerly CETT 1345 An introductory course in microprocessor software and hardware: its architecture, timing sequence, operation, and programming. Discussion of appropriate software diagnostic language and tools. Lab required. Prerequisites: CETT 1407 and CETT 1425, or consent of Instructor or Discipline Lead. 4 credit hours.

**CETT 2471 Emerging Topics in Engineering Technology**

Topics address identified emerging technology developments, skills, knowledge pertinent to the technology or occupation and relevant to the professional development of the student. Lab required. Prerequisites: CETT 1409 and CETT 1425, or consent of Instructor. 4 credit hours.

**CNBT 1300 Residential and Light Blueprint Reading**

Introductory blueprint reading for residential and light commercial construction. Additionally, this course will include an introduction to computerized prints and related software. Lab required. 3 credit hours.

**CNBT 1311 Materials & Methods I**

Introduction to construction materials and methods and their applications. Lab required. 3 credit hours.

**CNBT 1346 Construction Estimating**

Fundamentals of estimating materials and labor costs in construction. Prerequisites: CNBT 1300 and CNBT 2304. 3 credit hours.

**CNBT 1359 Project Scheduling**

A study of conventional scheduling using critical-path-method; precedence and arrow networks; bar charts; monthly reports; and fast track scheduling. Additionally, scheduling software for the construction industry will be used. Lab required. Prerequisites: CNBT 1300, CNBT 1311, and CNBT 2304. 3 credit hours.

**CNBT 2304 Construction Methods and Materials II**

Continuation of the study of the properties of building materials, methods and equipment for their integrated use in completing construction projects. Additionally, the course will address quality control in construction. Lab required. Prerequisites: CNBT 1311 and OSHT 1305. 3 credit hours.

**CNBT 2342 Construction Management I**

Management skills on the job site. Topics include written and oral communications, leadership and motivation, problem solving, and decision making. Additionally, this course includes customer and contractor relations and ethics in the construction industry. 3 credit hours.

**CPMT 1305 IT Essentials I: PC Hardware and Software**

Provides comprehensive overview of computer hardware and software and an introduction to advanced concepts addressed by CISCO CCENT certification. Lab required. 3 credit hours.

**DFTG 1309 Basic Computer-Aided Drafting - Commercial**

An introduction to computer-aided drafting. Emphasis is placed on setup; creating and modifying geometry; storing and retrieving predefined shapes; placing, rotating, and scaling objects, adding text and dimensions, using layers, coordinating systems; and plot/print to scale. Lab required. 3 credit hours.

**DFTG 1317 Architectural Drafting - Residential**

Architectural drafting procedures, practices, terms, and symbols. Preparation of detailed working drawings for residential structures. Emphasis on light frame construction methods. Lab required. Prerequisite: DFTG 2328. 3 credit hours.

**DFTG 1333 Mechanical Drafting**

Study of mechanical drawings using dimensioning and tolerances, sectioning techniques, orthographic projection, and pictorial drawings. Lab required. Prerequisite: DFTG 2319. 3 credit hours.

**DFTG 1372 Solidworks Essentials**

A study of mechanical drafting and design using SOLIDWORKS mechanical design automation software to build parametric models of parts and assemblies. The course teaches how to make drawings of those parts and assemblies through the use of dimensioning and tolerancing, sectioning techniques and orthographic projection. Lab required. 3 credit hours.

**DFTG 2319 Intermediate Computer Aided Drafting**

A continuation of practices and techniques used in basic computer-aided drafting including the development and use of prototype drawings, construction of pictorial drawings, extracting data and basics of 3D. Lab required. Prerequisite: DFTG 1309. 3 credit hours.

**DFTG 2328 Architectural Drafting - Commercial**

Architectural drafting procedures, practices, governing codes, terms and symbols including the preparation of detailed working drawings for a commercial building, with emphasis on

commercial construction methods. Lab required. Prerequisite: DFTG 1309. Prerequisite/Concurrent enrollment: DFTG 2319. 3 credit hours.

**DFTG 2350 Geometric Dimensioning and Tolerancing**

Geometric dimensioning and tolerancing, according to standards, application of various geometric dimensions and tolerances to production drawings. Lab required. Prerequisite: DFTG 1309. 3 credit hours.

**DFTG 2373 Advanced Solidworks**

Study of advanced topics in SOLIDWORKS mechanical drafting and design. The course teaches how to build assemblies, to create professional drawing, and to use various SOLIDWORKS tools to manage information to facilitate the design process. Lab required. Prerequisite: DFTG 1372. 3 credit hours.

**DRAM 1310 Introduction to Theater**

Survey of theater including its history, dramatic works, stage techniques, production procedures, and relation to other art forms. Participation in productions may be required. Prerequisite: Meet TSI standard for INRW 0315; or equivalent. 3 credit hours.

**ECON 2301 Principles of Macroeconomics**

An analysis of the economy as a whole including measurement and determination of Aggregate Demand and Aggregate Supply, national income, inflation, and unemployment. Other topics include international trade, economic growth, business cycles, and fiscal policy and monetary policy. Prerequisite: Meet TSI college-readiness standard for Reading and Writing; or equivalent. 3 credit hours.

**EDUC 1300 Learning Framework**

A study of the: 1) research and theory in the psychology of learning, cognition, and motivation; 2) factors that impact learning, and 3) application of learning strategies. Theoretical models of strategic learning, cognition, and motivation serve as the conceptual basis for the introduction of college-level student academic strategies. Students use assessment instruments (e.g., learning inventories) to help them identify their own strengths and weaknesses as strategic learners. Students are ultimately expected to integrate and apply the learning skills discussed across their own academic programs and become effective and efficient learners. Students developing these skills should be able to continually draw from the theoretical models they have learned. 3 credit hours. (A) Note: Students may only take one of the following: EDUC 1200, EDUC 1300, PSYC 1100 or PSYC 1300.

**ELMT 1305 Basic Fluid Power**

Basic fluid power course covering pneumatic and hydraulic systems, fluid power symbols, operating theory, components, and basic electrical and manual controls. Lab required. Prerequisite: TECM 1343. 3 credit hours.

**ENGL 1301 Composition I**

Intensive study of and practice in writing processes, from invention and researching to drafting, revising, and editing, both individually and collaboratively. Emphasis on effective rhetorical choices, including audience, purpose, arrangement, and style. Focus on writing the academic

essay as a vehicle for learning, communicating, and critical analysis. Lab required. Prerequisite: Meet TSI college-readiness standard for Reading and Writing; or equivalent. 3 credit hours.

### **ENGL 1302 Composition II**

Intensive study of and practice in the strategies and techniques for developing research-based expository and persuasive texts. Emphasis on effective and ethical rhetorical inquiry, including primary and secondary research methods; critical reading of verbal, visual, and multimedia texts; systematic evaluation, synthesis, and documentation of information sources; and critical thinking about evidence and conclusions. Lab required. Prerequisite: ENGL 1301. 3 credit hours.

### **ENGL 2332 World Literature I**

A survey of world literature from the ancient world through the sixteenth century. Students will study works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from a diverse group of authors and traditions. Prerequisite: ENGL 1302 or ENGL 2311. 3 credit hours.

### **ENGL 2333 World Literature II**

A survey of world literature from the seventeenth century to the present. Students will study works of prose, poetry, dramas, and fiction in relation to their historical and cultural contexts. Texts will be selected from a diverse group of authors and traditions. Prerequisite: ENGL 1302 or ENGL 2311. 3 credit hours.

### **GOVT 2305 Federal Government**

Origin and development of the U.S. Constitution, structure and powers of the national government including the legislative, executive, and judicial branches, federalism, political participation, the national election process, public policy, civil liberties and civil rights. Prerequisite: Meet TSI college-readiness standard for Reading and Writing; or equivalent. 3 credit hours.

### **HART 1401 Basic Electricity for HVAC**

Principles of electricity as required by HVAC, including proper use of test equipment, electrical circuits, and component theory and operation. Lab required. Prerequisite: Departmental Permit. Corequisite: HART 1407. 4 credit hours.

### **HART 1407 Refrigeration Principles**

An introduction to the refrigeration cycle, heat transfer theory, temperature/pressure relationship, refrigerant handling, refrigeration components, and safety. Lab required. Prerequisite: Departmental Permit. Corequisite: HART 1401. 4 credit hours.

### **HART 1441 Residential Air Conditioning**

A study of components, applications, and installation of mechanical air conditioning systems including operating conditions, troubleshooting, repair, and charging of air conditioning systems. Lab required. Prerequisite/Concurrent enrollment: HART 1307. 4 credit hours.

### **HART 1445 Gas and Electric Heating**

Study of the procedures and principles used in servicing heating systems including gas fired furnaces and electric heating systems. Lab required. Prerequisite/Concurrent enrollment: HART 1301. 4 credit hours.

**HART 2345 Residential Air Conditioning**

Study of the properties of air and results of cooling, heating, humidifying or dehumidifying; heat gain and heat loss calculations including equipment selection and balancing the air system. Lab required. Prerequisite/Concurrent Enrollment: HART 1307. 3 credit hours

**HART 2349 Heat Pumps**

A study of heat pumps, heat pump control circuits, defrost controls, auxiliary heat, air flow, and other topics related to heat pump systems. Lab required. Prerequisite: HART 1403. 3 credit hours.

**HART 2431 Advanced Electricity for HVAC**

Advanced electrical instruction and skill building in installation and servicing of air conditioning and refrigeration equipment including detailed instruction in motors and power distribution motors, motor controls, and application of solid-state devices. Lab required. Prerequisites: HART 1301 and HART 1403. 4 credit hours.

**HART 2438 Air Conditioning Installation and Startup**

A study of air conditioning system installation, refrigerant piping, condensate disposal, and air cleaning equipment with emphasis on startup and performance testing. Lab required. Prerequisite/Concurrent enrollment: HART 1307. 4 credit hours.

**HIST 1301 U.S. History I**

A survey of the social, political, economic, cultural, and intellectual history of the United States from the pre-Columbian era to the Civil War/Reconstruction period. United States History I includes the study of pre-Columbian, colonial, revolutionary, early national, slavery and sectionalism, and the Civil War/Reconstruction eras. Themes that may be addressed in United States History I include: American settlement and diversity, American culture, religion, civil and human rights, technological change, economic change, immigration and migration, and creation of the federal government. Prerequisite: Meet TSI college-readiness standard for Reading and Writing; or equivalent. 3 credit hours.

**HIST 1302 U.S. History II**

A survey of the social, political, economic, cultural, and intellectual history of the United States from the pre-Columbian era to the Civil War/Reconstruction period to the present. United States History II examines industrialization, immigration, world wars, the Great Depression, Cold War, and post-Cold War eras. Themes that may be addressed in United States History II include: American culture, religion, civil and human rights, technological change, economic change, immigration and migration, urbanization and suburbanization, the expansion of the federal government, and the study of U.S. foreign policy. Prerequisite: Meet TSI college-readiness standard for Reading and Writing; or equivalent. 3 credit hours.

**INTC 1307 Instrumentation Test Equipment**

Theory and application of instrumentation test equipment. Emphasizes accuracy, limitations of instruments, and calibration techniques. Lab required. Prerequisite: CETT 1409 or consent of Instructor or Discipline Lead. 3 credit hours.

**INTC 1357 AC/DC Motor Control**

A study of electric motors and motor control devices common to a modern industrial environment. A presentation of motor characteristics with emphasis on starting, speed control, and stopping systems. Lab required. Prerequisite: CETT 1409. 3 credit hours.

**ITCC 1314 CCNA 1: Introduction to Networks**

This course covers networking architecture, structure, security, and functions; introduces the principles and structure of IP addressing and the fundamentals of Ethernet concepts, media, and operations to provide a foundation for the curriculum. Lab required. Prerequisites: CPMT 1305 and ITNW 1358. 3 credit hours.

**ITCC 1344 CCNA 2: Switching, Routing, and Wireless Essentials (SRWE)**

Describes the architecture, components, and operations of routers and switches in small networks and introduces wireless local area networks (WLAN) and security concepts; provides an in-depth understanding of how routers and switches operate and are implemented in the LAN environment. Lab required. Prerequisite: ITCC 1314. 3 credit hours.

**ITCC 2320 CCNA 3: Enterprise Networking, Security, and Automation (ENSA)**

Describes the architecture, components, operations, and security to scale for large, complex networks, including wide area network (WAN) technologies. Emphasizes network security concepts and introduces network virtualization and automation. Lab required. Prerequisite: ITCC 1344. 3 credit hours.

**ITNW 1351 Fundamentals of Wireless LANs**

Design, plan, implement, operate, and troubleshoot Wireless Local Area Networks (WLANs). Includes WLAN design, installation, and configuration; and WLAN security issues and vendor interoperability strategies. Lab required. 3 credit hours.

**ITNW 1358 Network+**

Assists individuals in preparing for Computing Technology Industry Association (CompTIA) Network+ certification exam and career as a network professional. Additionally, prepares individuals for a career as a Network Engineer in the Information Technology support industry. Includes the various responsibilities and tasks required for service engineer to successfully perform in a specific environment. Lab required. 3 credit hours.

**ITSE 1359 Introduction to Scripting Languages - Python**

Introduction to scripting languages including basic data types, control structures, regular expressions, input/output, and textual analysis. Lab required. 3 credit hours.

**MATH 1314 College Algebra**

In-depth study and applications of polynomial, rational, radical, exponential and logarithmic functions, and systems of equations using matrices. Additional topics such as sequences, series, probability, and conics may be included. Graphing calculator required. Lab required. Prerequisite: Met TSI college-readiness standard for Mathematics; or equivalent. 3 credit hours.



**MATH 1342 Elementary Statistical Methods**

Collection, analysis, presentation and interpretation of data and probability. Analysis includes descriptive statistics, correlation and regression, confidence intervals and hypothesis testing. Use of appropriate technology is recommended. Graphing calculator required. Lab required. Prerequisite: Meet TSI college-readiness standard for Mathematics; or equivalent. 3 credit hours.

**MATH 2320 Differential Equations**

Ordinary differential equations, including linear equations, systems of equations, equations with variable coefficients, existence and uniqueness of solutions, series solutions, singular points, transform methods, and boundary value problems; application of differential equations to real-world problems. Graphing calculator required. Lab required. Prerequisite: MATH 2414. 3 credit hours.

**MATH 2415 Calculus III**

Advanced topics in calculus, including vectors and vector-valued functions, partial differentiation, Lagrange multipliers, multiple integrals, and Jacobians; application of the line integral, including Green's Theorem, the Divergence Theorem, and Stokes' Theorem. Graphing calculator required. Lab included. Prerequisite: MATH 2414. 4 credit hours.

**OSHT 1305 Construction Safety**

A study of Occupational Safety and Health Administration (OSHA) regulations pertinent to the construction industry. Lab required. 3 credit hours.

**PSYC 2301 General Psychology**

General Psychology is a survey of the major psychological topics, theories and approaches to the scientific study of behavior and mental processes. Prerequisite: Meet TSI college-readiness standard for Reading and Writing; or equivalent. 3 credit hours.

**RBTC 1405 Robotic Fundamentals**

Formerly RBTC 1305 An introduction to flexible automation. Topics include installation, repair, maintenance, and development of flexible robotic manufacturing systems. Lab required. 4 credit hours.

**SPCH 1311 Introduction to Speech Communication**

Introduces basic human communication principles and theories embedded in a variety of contexts including interpersonal, small group, and public speaking. Prerequisite: Meet TSI college-readiness standard for Reading and Writing; or equivalent. 3 credit hours.

**TECM 1343 Technical Algebra and Trigonometry**

Algebraic and trigonometric applications used in technical/industrial settings. Lab required. 3 credit hours.

**WLDG 1307 Introduction to Welding Using Multiple Process**

Basic welding techniques using some of the following processes: Oxy-fuel welding (OFW) and cutting, shielded metal arc welding (SMAW), gas metal arc welding (GMAW), flux cored arc welding (FCAW), and gas tungsten arc welding (GTAW). Lab required. 3 credit hours.

**WLDG 1313 Intro to Blueprint Reading For Welders**

A study of industrial blueprints. Emphasis placed on terminology, symbols, graphic description, and welding processes. Includes systems of measurement and industry standards. Also includes interpretation of plans and drawings used by industry to facilitate field application and production. Lab required. Prerequisite: WLDG 1428. 4 credit hours.

**WLDG 1317 Intro to Layout & Fabrication**

A fundamental course in layout and fabrication related to the welding industry. Major emphasis on structural shapes and use in construction. Lab required. 3 credit hours

**WLDG 1428 Intro to SMAW**

An introduction to the shielded metal arc welding process. Emphasis placed on power sources, electrode selection, and various joint designs. Additionally, instruction provided in SMAW fillet welds in various positions. Lab required. Prerequisite: Consent of Discipline Lead. 4 credit hours.

**WLDG 1430 Intro to GMAW**

Advanced topics in Gas Metal Arc Welding (GMAW). Includes welding in various positions. Lab required. Prerequisite: WLDG 1530. 4 credit hours.

**WLDG 1434 Intro to GTAW\***

Principles of gas tungsten arc welding (GTAW), including set-up, GTAW equipment. Instruction in various positions and joint designs. Lab required. Prerequisite: Consent of Discipline Lead. 4 credit hours.

**WLDG 2447 Advanced GMAW**

Advanced topics in Gas Metal Arc Welding (GMAW). Includes welding in various positions. Lab required. Prerequisite: WLDG 1530. 4 credit hours.

**WLDG 2451 Advanced GTAW\***

Advanced topics in GTAW welding, including welding in various positions and directions. Lab required. Prerequisite: WLDG 1434. 4 credit hours.

For Health Sciences Academy students only:

**DSAE 1315 Principles of Adult Echocardiography**

An introduction to cardiovascular anatomy and physiology, including hemodynamics and spatial relationships of the normal adult heart. Topics include anatomical correlation of 2-D, M-Mode, and Doppler sonographic imaging. Scanning techniques are correlated and taught in the laboratory sessions. Lab required. 3 credit hours.

**DSAE 1340 Diagnostic Electrocardiography**

Cardiac testing including the techniques and interpretation of patient physical assessment. Covers electrocardiography, stress testing, Holter monitoring, vital signs, and cardiovascular pharmacology. Lab required. 3 credit hours.

**DSAE 2303 Cardiovascular Concepts**

Anatomy, physiology, and pathophysiology of the cardiovascular system. Focuses on cardiac and vascular structural anatomy and relationships, electrical innervation, embryology, and hemodynamics of the heart and vascular system. Includes pathophysiology, etiology, pathology, signs, symptoms, risk factors, and treatment of cardiovascular diseases. 3 credit hours.

**EMSP 1160 Clinical - Emergency Medical Technician (EMT Paramedic) - Basic**

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Prerequisite: Consent of Program Director. 1 credit hour.

**EMSP 1371 Introduction to Emergency Medical Technician (EMT)**

Introduction to Emergency Medical Services including: history, organization and function, legal aspects, and ethics. Overview of human anatomy and physiology, patient assessment, airway control, and infection control techniques. Prerequisite: Consent of Program Director. Corequisites: EMSP 1160 and EMSP 1501. 3 credit hours.

**EMSP 1501 Emergency Medical Technician**

Preparation for certification as an Emergency Medical Technician (EMT). Lab required. Prerequisite: Consent of Program Director. Corequisite: EMSP 1160. 5 credit hours.

**HITT 1305 Medical Terminology I**

Study of medical terms through word origin and structure. Introduction to abbreviations and symbols, surgical and diagnostic procedures, and medical specialties. 3 credit hours.

**HITT 2328 Introduction to Public Health**

A survey of how health care and public health services are organized and delivered in the U.S. Covers public policy, relevant organizations and their interrelationships, professional roles, legal and regulatory issues, and payment systems. Includes health reform initiatives in the U.S. 3 credit hours.

**HPRS 1102 Wellness and Health Promotion**

An overview of wellness theory and its application throughout the life span. Focus is on attitude development, impact of cultural beliefs, and communication of wellness. 1 credit hour.

**HPRS 1160 Clinical - Health Services/Allied Health/Health Sciences, General**

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. 1 credit hour.

**HPRS 1303 End of Life Issues**

Discussion of grief, loss, and end of life issues. Prepares caregivers to function in settings where communication skills are utilized to provide psychosocial support to persons and their families. 3 credit hours.

**HPRS 1310 Introduction to Pharmacology**

A study of drug classifications, actions, therapeutic uses, adverse effects, and routes of administration. Does NOT include dosage calculations. 3 credit hours.

**HPRS 2232 Healthcare Communication**

Methods of communication with clients, client support groups, healthcare professionals, and external agencies. 2 credit hours.

**HPRS 2310 Basic Health Profession Skills II**

Builds on previously acquired knowledge and skills relevant to the professional development of the student. Lecture and simulated laboratory experiences prepare the student to perform patient care utilizing critical thinking and advanced clinical skills. Lab required. Prerequisites: HPRS 1201 or HPRS 1204. 3 credit hours.

**HPRS 2321 Medical Law and Ethics for Health Professionals**

Principles, procedures, and regulations governing the legal and ethical relationships among physicians, patients, and health care professionals. Includes current ethical issues related to the various healthcare professions and patient confidentiality. 3 credit hours.

**MDCA 1154 Medical Assisting Credentialing Exam Review**

A preparation for one of the National Commission for Certifying Agencies (NCCA) recognized credentialing exams. Prerequisites: HITT 1305, HPRS 2301, HPRS 2321, MDCA 1309, MDCA 1321, MDCA 1417, MDCA 1448, and MDCA 1452. 1 credit hour.

**MDCA 1309 Anatomy and Physiology for Medical Assistants**

Emphasis on structure and function of human cells, tissues, organs, and systems with overview of common pathophysiology. Lab required. 3 credit hours.

**MDCA 1321 Administrative Procedures**

Medical office procedures including appointment scheduling, medical records creation and maintenance, interpersonal communications, bookkeeping tasks, coding, billing, collecting, third party reimbursement, credit arrangements, and computer use in the medical office. 3 credit hours.

**MDCA 1360 Clinical - Medical/Clinical Assistant**

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical

professional. Prerequisites: HITT 1305, HPRS 2301, HPRS 2321, MDCA 1309, MDCA 1321, MDCA 1417, MDCA 1448, MDCA 1452. 3 credit hours.

**MDCA 1417 Procedures in a Clinical Setting**

Emphasis on patient assessment, examination, and treatment as directed by physician. Includes vital signs, collection and documentation of patient information, asepsis, office clinical procedures, and other treatments as appropriate for ambulatory care settings. Lab required. 4 credit hours.

**NURA 1160 Clinical – Nursing Aide and Patient Care Assistant**

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts to provide safe, quality patient/client care in a health care setting for culturally and socially diverse patients/clients while promoting safe patient/client environments and risk reduction. Direct supervision is provided by the clinical professional, a registered nurse. Prerequisite: NURA 1301 or consent of Program Director. 1 credit hour.

**NURA 1301 Nurse Aide for Healthcare**

Preparation for entry level nursing assistants to achieve a level of knowledge, skills, and abilities essential to provide safe, basic care to patients/residents of long-term care and hospital facilities. Topics include patient/resident's rights, communication with patients/residents and families, safety, observation, reporting and assisting patients/residents in maintaining basic comfort and reducing patient/resident risks. Emphasis is on effective interaction and communication with members of the health care team. Lab required. 3 credit hours.

**PTHA 1160 Clinical – Physical Therapist Assistant**

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Prerequisite: PTHA 1409. 1 credit hour.

**PTHA 1409 Introduction to Physical Therapy**

Introduction to the profession of physical therapy and the role of the physical therapist assistant. Includes the application of basic patient handling, functional skills, communication, and selected data collection techniques. Lab required. 4 credit hours.

**PTHA 1413 Functional Anatomy**

The relationship of the musculoskeletal and neuromuscular systems to normal and abnormal movement. Lab required. 4 credit hours.

**Articulated Credits or Courses:**

Conditions of articulated courses are formulated with representatives from the Independent School District and Collin College regarding student evaluation criteria, course content, and exit competencies. Through this Agreement, Collin College agrees to articulate college credit for the college level high school courses listed below provided the following requirements are met.

- a) College credit hours only shall be awarded once the student enrolls at Collin College and successfully completes 3 additional credit hours.
- b) Students enrolled in concurrent or dual credit courses may apply credit hours earned with a C or better towards the fulfillment of the 3-credit requirement.
- c) Remedial or developmental course hours taken at the College may not be included in the total credit hours.
- d) Students must satisfactorily complete an end-of-course exam covering student learning outcomes for the articulated course.
- e) The articulated course or courses appear in the College catalog.
- f) Plano ISD agrees that for each student participating in an articulated course, Plano ISD will denote the course with the letter "A" on the student transcript.
- g) Once the 3 credit hours are earned, students will submit the Petition for Articulated Credit form for the articulated credits to be added to their transcripts by the Academic Partnership Office. Petitions must be submitted to Collin College within 12 months of high school graduation.
- h) Successful completion of a high school course eligible for articulated credit does not guarantee that a student will receive college credit for the course.

Plano ISD Course	Collin College Course	
Principles of Health Science	HPRS 1201	Introduction to Health Professions

**APPENDIX C: CROSSWALK APPROVED FOR PLANO ISD/COLLIN COLLEGE DUAL CREDIT FOR THE 2021-2022 ACADEMIC YEAR.**

2021-22 DUAL CREDIT CROSSWALK				
PEIMS Code	HS Dual Credit Course Title	Possible HS Credit 0.5 = 1 sem 1.0 = 1 year	Collin College Course Title	College Hours
<b>Academic Courses</b>				
<b>Academic Preparatory for Dual Credit</b>				
N1290050	Introduction to College Transition	1	Learning Framework (EDUC 1300)	3
N1290050	Dual Credit College Transition			
N1130021	Methods for Academic and Personal Success			
<b>Electives for Dual Credit</b>				
03250400	Dual Credit Theatre Arts IV	1	Introduction to Theater (DRAM 1310)	3
<b>English for Dual Credit</b>				
03220300	Dual Credit English III	0.5-1.0	Composition I (ENGL 1301)	3
			Composition II (ENGL 1302)	3
03220400	Dual Credit English IV	0.5-1.0	World Literature I (ENGL 2332)	3
			World Literature II (ENGL 2333)	3
<b>Fine Arts for Dual Credit</b>				
03500100	Dual Credit Art I A & B	0.5	Art Appreciation (ARTS 1301)	3
03500110	Local Credit Art I A	0.5	Art History I (ARTS 1303)	3
<b>Mathematics for Dual Credit</b>				
03101100	Pre-Cal Dual Credit	0.5	College Algebra (MATH 1314)	3
03102530	Statistics Dual Credit	0.5	Elementary Statistical Methods (MATH 1342)	3
N110018	Multivariable Calculus	0.5	Differential Equations (MATH 2320)	3
		0.5	Calculus III (MATH 2415)	4
<b>Science for Dual Credit</b>				
13037200	Dual Credit Scientific Research and Design A	1	Biology for Science Majors I (BIOL 1406)	4
	Dual Credit Scientific Research and Design B	1	Biology for Science Majors II (BIOL 1407)	4

<b>Social Studies for Dual Credit</b>				
03340107	Dual Credit United States History Studies To 1877	0.5-1.0	United States History I (HIST 1301)	3
	Dual Credit United States History Studies Since 1877		United States History II (HIST 1302)	3
03310300	Dual Credit Economics	0.5	Principles of Macroeconomics (ECON 2301)	3
03330100	Dual Credit United States Government	0.5	Federal Government (GOVT 2305)	3
03350100	Dual Credit Psychology Special Topics	0.5	General Psychology (PSYC 2301)	3
<b>Speech for Dual Credit</b>				
03241400	Dual Credit Communication Applications	0.5	Introduction to Speech Communication (SPCH 1311)	3
<b>Health Science Courses</b>				
<b>Electrocardiography*</b>				
13020510	Practicum in Health Science*	2	Cardiovascular Concepts (DSAE 2303)	3
			Diagnostic Electrocardiography (DSAE 1340)	3
			Principles of Adult Echocardiography (DSAE 1315)	3
			Clinical - Allied (HPRS 1160)	1
<b>Emergency Medical Technician*</b>				
13020500	Practicum in Health Science*	2	Clinical - Emergency Medical Technician (EMSP 1160)	1
			Introduction to Emergency Medical Technician (EMSP 1371)	3
			Emergency Medical Technician (EMSP 1501)	5
<b>Health Science*</b>				
13020300	Medical Terminology*	1	Medical Terminology (HITT 1305)	3
			Healthcare Communication (HPRS 2232)	2
13020400	Health Science Theory*	1	End of Life Issues (HPRS 1303)	3
			Administrative Procedures (MDCA 1321)	3
			Medical Law and Ethics for Health Professionals (HPRS 2321)	3
13020510	Senior Allied*	0.5-1.0	Introduction to Public Health (HITT 2328)	3
			Basic Health Professions Skills II (HPRS 2310)	3
			Wellness and Health Promotion (HPRS 1102)	1
13024800	Pharmacology*	0.5	Introduction to Pharmacology (HPRS 1310)	3
13020800	Pathophysiology*	0.5	Pathophysiology (HPRS 2301)	3



13020410	Health Science Theory/Health Science Clinical*	1	Nurse Aide for Health Care (NURA 1301)	3
			Clinical – Nursing Aide and Patient Care Assistant (NURA 1160)	1
13020510	Practicum in Health Science*	2	A&P for Medical Assistants (MDCA 1309)	3
			Procedures in a Clinical Setting (MDCA 1417)	4
			Medical Assisting Credentialing Exam Review (MDCA 1154)	1
			Clinical - Medical/Clinical Assistant (MDCA 1360)	3
13020410	Health Science Theory/Health Science Clinical*	1	Introduction to Physical Therapy (PTHA 1409)	4
			Functional Anatomy (PTHA 1431)	4
			Clinical - Rehab Aide	1
<b>Workforce Courses</b>				
<b>Biomedical Equipment Technology for Dual Credit</b>				
13036200	Principles of Applied Engineering	1	Technical Algebra and Trigonometry (TECM 1343)	3
13037600	Digital Electronics	1	Fundamentals of Electronics (CETT 1407)	4
			Digital Fundamentals (CETT 1425)	4
13036800	AC/DC Electronics	1	DC-AC Circuits (CETT 1409)	4
13037200	Scientific Research and Design Honors	1	IT Essentials: PC Hardware and Software (CPMT 1305)	3
13037400	Practicum in Science, Technology, Engineering, and Mathematics	2	Medical Terminology (HITT 1305)	3
			Safety in Health Care Facilities (BIOM 2201)	2
			General Medical Equipment I (BIOM 2311)	3
<b>Electronic Engineering Technology for Dual Credit</b>				
13036200	Principles of Applied Engineering	1	Technical Algebra and Trigonometry (TECM 1343)	3
13037600	Digital Electronics	1	Fundamentals of Electronics (CETT 1407)	4
			Digital Fundamentals (CETT 1425)	4
13036800	AC/DC Electronics	1	DC-AC Circuits (CETT 1409)	4
13037200	Scientific Research and Design Honors	1	Instrumentation Test Equipment (INTC 1307)	3
13037400	Practicum in Science, Technology, Engineering, and Mathematics	2	Emerging Topics in Engineering (CETT 2471)	4
			Microprocessor (CETT 1445)	4
			Robotic Fundamentals (RBTC 1405)	4

<b>Industrial Automation for Dual Credit</b>				
13036200	Principles of Applied Engineering	1	Technical Algebra and Trigonometry (TECM 1343)	3
13037600	IA/	1	Fundamentals of Electronics (CETT 1407)	4
			Digital Fundamentals (CETT 1425)	4
13036800	AC/DC Electronics	1	DC-AC Circuits (CETT 1409)	4
13037200	Scientific Research and Design Honors	1	Instrumentation Test Equipment (INTC 1307)	3
13037400	Practicum in Science, Technology, Engineering, and Mathematics	2	AC/DC Motor Control (INTC 1357)	3
			Basic Fluid Power (ELMT 1305)	3
			Robotic Fundamentals (RBTC 1405)	4
<b>Computer Networking Program for Dual Credit</b>				
13027300	Computer Maintenance	1	IT Essentials I: PC Hardware and Software (CPMT 1305)	3
			Network+ (ITNW 1358)	3
N1302803	Internetworking Technologies I	1	CCNA 1: Introduction to Networks (ITCC 1314)	3
			CCNA 2: Routing and Switching Essentials (ITCC 1344)	3
13027400	Networking (Lab Option)	1	CCNA 3: Enterprise Networking, Security, & Automation (ITCC 2320)	3
13028000	Practicum in Information Technology	2	Fundamentals of Wireless LANs (ITNW 1351)	3
			Intro to Scripting Languages - Python (ITSE 1359)	3
<b>Computer Aided Drafting and Design for Dual Credit</b>				
13004210	Principles of Architecture	1	Basic Computer-Aided Drafting - Commercial (DFTG 1309)	3
			Solidworks Essentials (DFTG 1372)	3
13004600	Architectural Design I	1	Intermediate Computer Aided Drafting (DFTG 2319)	3
			Advanced Solidworks (DFTG 2373)	3
13004700	Architectural Design II	2	Architectural Drafting - Commercial (DFTG 2328)	3
			Mechanical Drafting (DFTG 1333)	3
1304800	Practicum in Architectural Design	2	Architectural Drafting - Residential (DFTG 1317)	3
			Geometric Dimensioning and Tolerancing (DFTG 2350)	3

<b>Construction Management for Dual Credit</b>				
13004900	Construction Management I	2	Construction Management I (CNBT 2342)	3
			Residential and Light Blueprint Reading (CNBT 1300)	3
13004220	Principles of Construction	1	Materials & Methods I (CNBT 1311)	3
			Construction Safety (OSHT 1305)	3
13005000	Construction Management II	2	Project Scheduling (CNBT 1359)	3
			Communications in Management (BMGT 1305)	3
13006200	Practicum in Construction Management	2	Construction Estimating (CNBT 1346)	3
			Construction Methods & Materials II (CNBT 2304)	3
<b>HVAC Certificate for Dual Credit</b>				
13005800	HVAC & Refrigeration Tech I	1	Refrigeration Principles (HART 1407)	3
			Gas and Electric Heating (HART 1445)	4
13005900	HVAC & Refrigeration Tech II	2	Basic Electricity for HVAC (HART 1401)	3
			Residential Air Conditioning (HART 1441)	4
13005255	Practicum in Construction Technology and Extended Practicum Construction Technology	3	Advanced Electricity for HVAC (HART 2431)	4
			Air Conditioning Installation and Startup (HART 2438)	4
			Heat Pumps (HART 2349)	3
			Residential Air Conditioning (HART 2345)	3
<b>Welding Technology for Dual Credit</b>				
13032200	Principles of Manufacturing	1	Intro to Multiple Process (WLDG 1307)	4
13032250	Intro to Welding	1	Intro to SMAW (WLDG 1428)	4
13032300	Welding I	2	Intro to GMAW (WLDG 1430)	4
			Intro to GTAW (WLDG 1434)	4
13032400	Welding II	2	Advanced GMAW (WLDG 2447)	4
			Intro to Blueprint Reading (WLDG 1313)	3
13032200	Practicum in Manufacturing	2	Intro to Layout & Fabrication (WLDG 1317)	3
			Advanced GTAW (WLDG 2451)	4

**APPENDIX D: PROGRAMS APPROVED FOR PLANO ISD/COLLIN COLLEGE DUAL CREDIT FOR THE 2021-2022 ACADEMIC YEAR.****Associate of Arts (AA) Degree**

The following requirements must be met for an Associate of Arts (AA) award:

1. Earn a minimum of 60 college-level credit hours.
2. Earn a minimum cumulative grade point average (GPA) of 2.0
3. Complete the general education core curriculum of 42 credit hours.
4. Complete a minimum of 18 additional credit hours of degree requirements and electives that are specified on each program's page.
5. Earn a minimum of 18 credit hours at Collin College.

**Associate of Science (AS) Degree**

The following requirements must be met:

1. Earn a minimum of 60 college-level credit hours.
2. Earn a minimum cumulative grade point average (GPA) of 2.0
3. Earn a minimum of 18 credit hours at Collin College.
4. Complete the general education core curriculum of 42 credit hours.
5. Complete a minimum of 18 additional credit hours of degree requirements and electives.
6. Complete the mathematics and science degree requirements for the AS degree:
  - A. Complete at least six credit hours of mathematics from the AS Math course options. Three credit hours of these mathematics will also meet the Mathematics core requirement.
  - B. Complete at least eight credit hours of natural science from the AS Science course options. A two-course sequence is recommended. These Science courses will meet the Natural Science core requirement.

**Associate of Applied Science (AAS) Degree**

AAS degrees require 60-68 credit hours with at least half of the coursework in a technical specialty area of the degree. All AAS degrees require a minimum of 15 credit hours of general education. The 15 credit hours of general education coursework must be distributed as follows:

1. At least three semester credit hours from humanities/fine arts;
2. At least three semester credit hours from social/behavioral sciences;
3. At least three semester credit hours from natural sciences/mathematics.

**Associate of Arts in Teaching (AAT) Degree**

The following requirements must be met:

1. Earn a minimum of 60 college-level credit hours.
2. Complete the General Education Core of 42 credit hours.
3. Earn a minimum cumulative grade point average (GPA) of 2.0.
4. Earn a minimum of 18 credit hours at Collin College.
5. Complete all the courses listed for one of three AAT diploma options.

Collin offers degree plans with three specializations in mind: early childhood through grade 6; middle grades (grades 4-8); and high school (grades 8-12).

**Associate of Applied Science (AAS) – Health Professions**

The following requirements must be met:

1. Earn 60-68 credit hours with at least half of the coursework in a technical specialty area of the degree.
2. Earn a minimum of 18 credit hours at Collin College.
3. Complete 15 credit hours of [general education coursework](#).
4. Complete the specific degree plan requirements for the AAS degree.

The health professions curriculum is divided into five tracks, allowing the students to focus on the specialization area that best fits their career goals:

Certified Nurse Assistant (CNA) Track

Electrocardiography (EKG) Technician Track

Emergency Medical Technician (EMT) Track

Patient Care Technician (PCT) Track

Phlebotomy Technician (PHLEB) Track

**Certificate Level 1 – Patient Care Technician**

17 credit hours

HPRS 1204	Basic Health Profession Skills or HPRS 1271 Introduction to the Healthcare System
HITT 1305	Medical Terminology I
DSAE 1340	Diagnostic Electrocardiography
ECRD 1111	Electrocardiography
PLAB 1160	Clinical – Phlebotomy
PLAB 1323	Phlebotomy
NURA 1301	Nurse Aide for Health Care
NURA 1160	Clinical – Nursing Aide and Patient Care Assistant

**Certificate Level 1 - Medical Assisting (MA)**

31 credit hours

HITT 1305	Medical Terminology I
HPRS 2301	Pathophysiology
MDCA 1309	Anatomy and Physiology for Medical Assistants
MDCA 1417	Procedures in a Clinical Setting
HPRS 2321	Medical Law and Ethics for Health Professionals
MDCA 1321	Administrative Procedures
MDCA 1448	Pharmacology & Administration of Medications
MDCA 1452	Medical Assistant Laboratory Procedures
MDCA 1154	Medical Assisting Credentialing Exam Review
MDCA 1360	Clinical – Medical/Clinical Assistant (Capstone)

**OSA – Health Professions - Certified Nurse Aide (CNA) Track**

12 credit hours

HITT	1305	Medical Terminology I
HPRS	1201	Introduction to Health Professions <sup>1</sup>
HPRS	2301	Pathophysiology
NURA	1160	Clinical - Nursing Aide and Patient Care Assistant
NURA	1301	Nurse Aide for Health Care

<sup>1</sup>. May substitute HPRS 1204**OSA – Emergency Medical Services Professions**

9 credit hours

A student who has the EMT - Basic certification has met these EMSP requirements.

EMSP	1160	Clinical - Emergency Medical Technician (EMT Paramedic) - Basic
EMSP	1371	Introduction to Emergency Medical Technician (EMT)
EMSP	1501	Emergency Medical Technician

**OSA – Rehabilitation Aide**

11 credit hours

PTHA	1409	Introduction to Physical Therapy
HPRS	2232	Health Care Communications
PTHA	1413	Functional Anatomy
PTHA	1160	Clinical – Physical Therapist Assistant

**APPENDIX E: COLLEGE AND CAREER COUNSELORS INITIATIVE**

**PURSUANT** to the terms of the Partnership Agreement, both Parties agree to include the College and Career Counselors Initiative program between Plano ISD and Collin College, as described therein. Both Parties desire to describe the terms and conditions set forth in the Services in this Exhibit that are added to or changed from the Partnership Agreement. The parties understand and agree that this Partnership Agreement is the controlling document which governs the relationship between the parties regarding the modified Services and the rights and obligations of the parties arising by virtue of the Partnership Agreement. This exhibit only applies to the College and Career Counselors Initiative program and these terms only apply to this program.

**NOW, THEREFORE**, the parties, intending legally to be bound, agree as follows:

**1. BACKGROUND**

The following additions are hereby incorporated into the Collin County Community College District and Plano Independent School District Partnership Agreement to support the College and Career Counselors Initiative.

**2. COLLIN COLLEGE WILL PROVIDE THE FOLLOWING**

2.1 A College and Career Counselor assigned to the high school on a daily full-day or part-day basis in a part-time role (20 hours per week)

**3. PLANO ISD WILL PROVIDE THE FOLLOWING**

3.1 Designated office space for the College and Career Counselors to meet with students and or parents

3.2 Access to students for College and Career Advisement

**4. FUNDING PROVISIONS**

4.1 All salaries, fringe benefits, professional development, local travel, supplies for the College and Career Counselor will be provided by Collin College.

**5. TERMINATION (ONLY APPLIES TO COLLEGE AND CAREER COUNSELOR PROGRAM)**

5.1 It is agreed that either party may terminate this Agreement effective thirty (30) days after the receipt of written notification.

## APPENDIX F: COLLIN COLLEGE TECHNICAL CAMPUS/CTE PARTNERSHIP AGREEMENT 2021-22

The purpose of Appendix F is to outline the plan for the implementation of the Collin College Technical Campus Partnership between Collin College and Plano Independent School District.

In an effort to enhance Plano ISD's ability to expand Career and Technical Education (CTE) programs and to enhance Collin College's ability to meet workforce needs, the College has designed and built the Collin College Technical Campus (CTC) located at 2550 Bending Branch Way, Allen, TX 75013. The CTC houses a variety of new and existing workforce programs: Biomedical Equipment Technology, Electronic Engineering Technology, Industrial Automation, Computer Networking, Computer Aided Drafting and Design, Construction Management, HVAC, and Welding Technology.

New workforce programs and courses are being developed to address labor market needs using a model that connects business and industry leaders directly with the curriculum development process. CTE Directors will be included as representatives on advisory committees in an effort to ensure the coordination of industry recognized credentialing, responsive curriculum development, timely program review and the availability of applicable field experiences for the students. Stackable programs will ensure employment opportunities for high school graduates possessing entry level certifications as well as for students earning certificates or associate degrees.

### Responsibilities of the College and Plano ISD:

- Collin College is responsible for the Collin College Technical Campus operationally and for all equipment, warranties, utilities, supplies, etc. related to the campus.
- Collin College is responsible for hiring faculty and staff and all related salary commitments for full and part-time personnel.
- Collin College is responsible for purchasing consumable classroom materials and supplies, and software licensing fees for instructional materials.
- Collin College will pay the certification and/or licensing exam fee as determined for each program by the course for each student (first attempt only). Additional attempts will be the responsibility of the student.
- Collin College will provide uniform shirts and select specialized equipment as needed depending on the CTE program.
- Collin College will provide CTE students with access to tools needed to complete the CTE program for use while enrolled.
- Collin College will provide orientation and information sessions for Plano ISD students and parents.
- Collin College will provide detailed guidelines for admission to specific CTE programs in consultation with Plano ISD personnel.



- Collin College will offer one-, two- or three-hour block scheduled courses 5 days per week and up to 160 days per academic year.
- Collin College will provide Plano ISD students who meet pre-determined admission criteria specific information for course registration for the select CTE programs.
- Plano ISD students are responsible for the tuition established by Collin College.
- Plano ISD agrees to pay Collin College \$300 per block hour, per student and per course for students enrolled in scheduled workforce courses listed above.
- Plano ISD CTE Directors will participate in advisory committee meetings. Plano ISD will work with Collin College to develop student recruitment strategies that involve students and parents in middle school and high school.
- Collin College and Plano ISD will provide career counseling and information regarding employment opportunities, salary expectations, educational requirements, etc.
- Collin College and Plano ISD will collaborate to determine class schedules and transportation options to accommodate technical dual credit students.

Additional details, not included above, will be identified and discussed between both parties to ensure a mutually beneficial partnership is maintained.

## Career and Technical Education Dual Credit

### Certification Earned by Dual Credit Students

*Academic Year 2021-2022*

*\*\*Students should be prepared to take and pass the listed*

#### AUTOMOTIVE TECHNOLOGY

*certification tests*

<b>Year 1</b>	<b>Fall</b>	AUMT 1305 Introduction to Automotive Technology AUMT 1307 Automotive Electrical Systems	*ASE (G1) Auto Maintenance and light Repair
	<b>Spring</b>	AUMT 1316 Automotive Suspension and Steering Systems AUMT 1410 Automotive Brake Systems	*ASE (A4) - Suspension and Steering *ASE (A5) - Brakes *Texas Department of Public Safety State Inspection License <b>(NOT facilitated by Collin College)</b>

#### Certificate Level 1 - Brake and Front-end Specialist

<b>Year 2</b>	<b>Fall</b>	AUMT 1419 Automotive Engine Repair AUMT 2421 Automotive Electrical Diagnosis and Repair	*ASE (A1) - Engine Repair *ASE (A6) - Electrical/Electronic Systems *Eligible for Certificate Level 1-Brake and Front-end Specialist
	<b>Spring</b>	AUMT 2313 Automotive Drive Trains and Axles AUMT 1345 Automotive Climate Control systems	*ASE (A3) - Manual Drive Train and Axles *EPA 609 Refrigerant and recovery certification <b>**ASE certifications require 2 years of experience working in that area for certification.</b>

#### COMPUTER NETWORKING

<b>Year 1</b>	<b>Fall</b>	CPMT 1305 IT Essentials I: PC Hardware and Software ITNW 1358 Network+	CompTIA A+ CompTIA IT Network+
	<b>Spring</b>	ITCC 1314 CCNA1: Introduction to Networks ITCC 1344 CCNA 2: Switching, Routing, and Wireless Essentials	Cisco Certified Technician (CCT) Certified Entry Network Technician (CCENT)



**Technical Campus**

Certificate Level 1 - Infrastructure Technician (CCNA)				
Year 2	Fall	ITSE 1359	Introduction to Scripting Languages - Python	Python
	Spring	ITCC 2320	CCNA 3: Enterprise Networking, Security, and Automation	A part of the CCENT
CONSTRUCTION MANAGEMENT				Certification Exams Taken
Year 1	Fall	CNBT 2342	Construction Management I Materials & Methods I	NCCER-Construction Drawings NCCER-Basic Communication Skills NCCER-Basic Safety, Rigging, Material Handling NCCER-Hand Tools, Power Tools NCCER-Basic Employability Skills Construction Math OSHA 30 CPR/First Aid
	Spring	CNBT 1300 OSHT 1305	Residential & Light Commercial Blueprint Reading Construction Safety	
Year 2	Fall	CNBT 1359 CNBT 1346	Project Scheduling Construction Estimating	
	Spring	BMGT 1305 CNBT 2304	Communications in Management Construction Methods and Materials II	
HVAC TECHNOLOGY				
Year 1	Fall	HART 1401 HART 1407	Basic Electricity for HVAC Refrigeration Principles	<b>Required:</b> EPA 608 & 410A Safety Certification Exams <b>Students required to pick two from:</b> Preventative Maintenance Cert./Indoor Air Quality Cert./Green Certification
	Spring	HART 1445 HART 1441	Residential Air Conditioning Gas and Electric Heating	<b>Recommended:</b> Fluke Safety Certification <b>Bonus Option:</b> TDLR Registered Technician

Residential Servicing Certificate			
Year 2	Fall	HART 2431 HART 2438	Advanced Electricity for HVAC Air Conditioning Installation and Startup
	Spring	HART 2345 HART 2349	Residential Air Conditioning Systems Design Heat Pumps

WELDING TECHNOLOGY		Entry Welding Certification	
Year 1	Fall	WLDG 1407 WLDG 1428 (SMAW)	Introduction to Welding Using Multiple Processes Introduction to Shielded Metal Arc Welding
	Spring	WLDG 1430 WLDG 1434	Introduction to Gas Metal Arc Welding (GMAW) Introduction to Gas Tungsten Arc Welding (GTAW)

Certificate Level 1 - Gas Shielded Welding Certification			
Year 2	Fall	WLDG 1317 WLDG 2447	Introduction to Layout and Fabrication Advanced Gas Metal Arc Welding (GMAW)
	Spring	WLDG 1313 WLDG 2451	Introduction to Blueprint Reading for Welders Advanced Gas Tungsten Arc Welding (GTAW)



Technical Campus

## APPENDIX G: PLANO ACADEMY

The purpose of Appendix G is to outline specific services and programs to the Plano Academy. This will not apply to other campuses or high schools in the School District.

### COURSE CURRICULUM, INSTRUCTION AND GRADING

Course curriculum, including course content, methods of delivery, methods of assessment and scheduled contact hours will adhere to all standards set by the College and by the Texas Higher Education Coordinating Board (THECB). Dual credit courses will be taught and grades assessed according to standard collegiate practices.

The College and School District will collaborate in the development and delivery of instruction. The College faculty member holds the final responsibility for the content, design, evaluation, assignment of grades, and awarding of credit to assure each course meets both the College and SACSCOC requirements.

The awarding of high school credit remains under the authority and direction of the School District.

### JOINT PLANNING

The College and School District will plan and schedule dual credit courses at least one semester in advance of offering the courses.

Each academic year, the School District will submit a Letter of Continuation to the College as confirmation to (1) continue with all terms listed in this Agreement, or (2) amend current terms of the Agreement prior to the start of the fall semester classes.

The College and School District will convene on a yearly basis to discuss and agree upon textbook selection for courses delineated in Attachment A. The program's intent is to maintain adopted textbooks for a period of no less than three years.

The College and School District will collaboratively design, implement, and assess the following program components:

1. Establishment of a collegiate calendar that outlines all programs and services (e.g., general audience seminars, graduate student sessions at academy site, etc.) in a developmental sequence (e.g., grade 9 to first year in college).
2. Establishment of effective and efficient procedures to ensure state compliance with (a) attendance recording and reporting, (b) student progress reports, dual credit add/drops, and (d) awarding of credit.

Adoption of policy supported practices to address and sustain (a) student transportation and monitoring, (b) student access to College resources (e.g., library, events, fitness center, etc.), (c) student conduct, (d) tuition and fees, (e) College class makeup, (f) internships, and (g) grade exclusion.

## APPENDIX H: DUAL CREDIT EMBEDDED FACULTY FAQs

### **What are Embedded Faculty?**

Embedded faculty are full-time high school teachers hired by Collin College as associate faculty to teach College courses during regular high school hours. During the college course time at the high school, embedded faculty are under the guidance of Collin College and must follow the guidelines and procedures of the College such as but not limited to, curriculum, FERPA, syllabus, college schedule, etc.

### **What are the necessary qualifications?**

All faculty credentials are consistent with Collin College and the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) Guidelines for Faculty Credentials, the Texas Administrative Code Section 7.4(11) (Appendix A), and program-level accrediting agency requirements that apply. Faculty teaching transfer courses require a master's degree with 18 graduate hours in the discipline.

Faculty teaching in workforce programs must meet the requirements found in the Texas Higher Education Coordinating Board Guidelines ([www.theccb.state.tx.us/reports/pdf/3378.pdf#page=8](http://www.theccb.state.tx.us/reports/pdf/3378.pdf#page=8))

Faculty in these programs may have a bachelor's degree in the teaching discipline, an associate's degree, a certificate, or professional work experience that demonstrates competencies in the teaching discipline as required by the specific program. Other demonstrated competencies and achievements that contribute to effective teaching and successful student learning outcomes are also considered during the hiring process. For all cases, Collin College provides justifying documentation of the qualifications of its faculty.

Collin College faculty credential requirements are the same, regardless of location, time of day, day of the week or modality of the course to be taught. Collin College does not distinguish, for the purpose of faculty qualifications, between full-time or associate (part-time) positions. After being hired, faculty who wish to teach distance learning sections of a course are required to participate in online training modules prior to receiving an assignment in that modality.

### **What are the expectations for Embedded Faculty in the classroom?**

As Collin College associate faculty, embedded faculty are responsible for fulfilling all regular duties and responsibilities of all college faculty, including, but not limited to: maintaining college-level rigor in all instructional practices, utilizing a Canvas shell for each course, developing a course syllabus and calendar of assignments, certifying rosters, following FERPA regulations, providing mid-term and final numerical grades to the Dual Credit Office, posting

final course grades in the College's student management system, and responding promptly to emails, request and due dates sent by the offices of academic affairs.

**How is the compensation dispersed?**

Faculty employed with the school district who teach a dual credit course as part of their regular duty hours with the school district will not receive additional compensation from Collin College. All dual credit faculty qualifications outlined in the agreed terms still apply. Collin College will pay the school district the equivalent of the current associate faculty rate of pay and dual credit stipend for each course taught by an embedded faculty member.

Faculty employed with the school district who teach a dual credit course outside of their regular duty hours with the school district will be paid the current associate faculty rate of pay for services rendered under the agreed terms in accordance with Collin College's faculty compensation plan.

**How does scheduling work?**

Embedded faculty will work with the appropriate Associate Deans/Director and their high school regarding class schedules during the high school day.

**How does evaluation of Embedded Faculty work?**

The College will select, supervise, and evaluate all faculty employed by Collin College, including embedded faculty. Embedded faculty teaching dual credit courses will be evaluated through class observations and student evaluations in the same manner as all college faculty.

**What if an Embedded Faculty member must be absent from class and wants a substitute to meet the class?**

The embedded faculty member should follow the high school's absence procedure, but must also contact their Collin College supervisor (Associate Dean/Director) to inform them that they will be absent and would like a substitute. In the class period where the college curriculum is covered, a credentialed College employee can meet the class and provide instructional coverage. This must be arranged in advance of the absence.

**What happens if the teacher leaves the district in the middle of the semester?**

The College will work to find a qualified faculty to teach the remainder of the course in the same medium as originally agreed. If this is not an option, Collin will work with the district to find another reasonable solution.

**Who provides 504 accommodations?**

Students who receive accommodations from the ISD may be eligible for accommodations from Collin College; however, their accommodations from the ISD are not applicable to the college classroom. Students must contact the College's ACCESS office and be evaluated by a case officer and presented with an accommodation letter from the College. The student must self-identify her/himself as needing accommodations, present a copy of the letter to the instructor, and discuss with the professor specific accommodations she/he wishes to employ in the class.

**What is the protocol if there are issues/concerns/questions with the assigned Embedded Faculty during the college course?**

The high school Principal or Assistant Principal will collaborate with the appropriate Collin College Associate Dean or Director and the P-12 Partnerships office to develop an equitable solution that supports the needs of both educational entities and the best interests of the student.





Collin County Community College District and  
Plano Health Sciences Academy

Partnership Agreement for 2021-2022

# Table of Contents

Description of the relationship for the Health Sciences Academy .....	2
Responsibilities of Collin County Community College District and Plano ISD .....	2-3
Insurance.....	3
Employees of one are not the employees other .....	4
Entire Agreement.....	4
Governing Law and Venue .....	4
Consideration .....	4
Counterparts .....	4
Authority to Execute .....	4
Representations .....	5
Assignment/Binding Effect .....	5
Waiver .....	5
Non-Waiver Provision .....	5
Miscellaneous Drafting Provisions.....	5
Alternate Dispute Resolution.....	5
Term and Termination of the MOU .....	5
Notices .....	6
Approval Signatures .....	6

**Collin County Community College District and  
Plano Independent School District**  
Health Sciences Academy Agreement for 2021-2022

---



Collin College Community College District (“Collin College”) and Plano Independent School District (“Plano ISD”) hereby enter into the following memo of understanding (“MOU”) to continue the Health Sciences Academy (“HSA”) for students of the Plano Independent School District. In consideration of the terms and conditions contained in this MOU, Collin College and Plano ISD agree to the following:

**DESCRIPTION OF THE RELATIONSHIP FOR THE HEALTH SCIENCES ACADEMY**

The Health Sciences Academy is a collaborative partnership between Collin College and Plano ISD, providing students in the ninth, tenth, eleventh, and twelfth grades with college-level experiences, while preparing them for careers in the health sciences. College-level courses offered in the HSA will apply to a health science certification, an associate’s degree in a healthcare field or meet general education requirements for an associate’s or baccalaureate degree.

**RESPONSIBILITIES OF COLLIN COUNTY COMMUNITY COLLEGE DISTRICT AND PLANO INDEPENDENT SCHOOL DISTRICT**

Collin College and Plano ISD will maintain the integrity of their separate programs and enter into this MOU as equal partners.

Collin College and Plano ISD agree to cooperate in communicating with each other and the public concerning the established relationship between the two institutions.

Collin College and Plano ISD will establish an advisory committee for the HSA for communication and decision-making on matters relating to the operation of the HSA.

Collin College and Plano ISD will participate in HSA information sessions to recruit potential HSA students and inform existing students and parents of the unique aspects of the HSA.

Collin College and Plano ISD will agree on the selection of college programs and courses for the HSA that are beneficial to students seeking careers in the health sciences.

Collin College and Plano ISD will agree on a calendar and schedule for college dual credit courses that meet the attendance requirements of Plano ISD, contract days for Collin College faculty and contact hour requirements for Collin College courses.

Collin College and Plano ISD agree to adhere to the student eligibility requirements, faculty qualifications, location and student composition of classes, high school facility and schedule.

Collin College and Plano ISD will work in collaboration to resolve standards of code of conduct violations by students admitted to the Collin College-Plano ISD Health Sciences Academy. For conduct violations occurring at Clinical sites, the Health Sciences Academy student handbook and program protocols will be followed.

**RESPONSIBILITIES OF COLLIN COUNTY COMMUNITY COLLEGE DISTRICT**

Collin College will identify an individual to serve as the primary contact for Plano ISD regarding all aspects of the MOU.

Collin College will identify an individual to serve as a liaison to HSA students, parents, school principals, and school counselors.

Collin College is responsible for identifying students for Clinical pathways in accordance with program protocol.

Collin College will be responsible for admitting and registering students, evaluating and awarding grades, and handling student appeals regarding grades for dual credit courses.

Collin College is responsible for instructional materials, including software, supplies, and equipment.

Collin College is responsible to select, supervise, and evaluate instructors for courses which result in the award of dual credit.

Collin College is responsible for supervising students and providing course-related instruction and adhering to contact hour requirements of assigned courses.

Collin College is responsible for the assignment and collection of tuition and fees assessed to students of Collin College.

Collin College will acquire all necessary approval from the Texas Higher Education Coordinating Board and the Southern Association of College and Schools for programs offered by Collin College at the HSA locations.

Collin College identifies and requires eligible courses and grading criteria, transcription of credit, and funding provisions as outlined in the Collin College - Plano ISD annual dual credit partnership agreement. The 2021-2022 dual credit partnership agreement is provided for reference.

**RESPONSIBILITIES OF PLANO INDEPENDENT SCHOOL DISTRICT**

Plano ISD will identify an individual to serve as the primary contact for Collin College regarding all aspects of the MOU.

Plano ISD will designate an individual to serve as a liaison to HSA students, HSA parents, and the Collin College HSA director.

Plano ISD will market the HSA to students within Plano ISD, scheduling multiple information sessions prior to the annual application deadline.

Plano ISD will create and maintain a HSA webpage, ensuring information is timely, current, and accurate.

Plano ISD will provide adequate facilities and equipment at Williams High School and Plano East Senior High ("the "Facilities") to accommodate HSA dual credit courses.

Plano ISD will be responsible for the maintenance of the Facilities, including but not limited to the classroom furnishings, equipment, and computers owned by Plano ISD.

Plano ISD is responsible for identifying students eligible to enter the Health Science Academy.

**INSURANCE**

Collin College and Plano ISD acknowledge that, because each is an agency of the State of Texas, and liability for the tortious conduct of the agents and employees of both entities or for injuries caused by conditions of tangible state property is provided for solely by the provisions of the Texas Tort Claim Act (Texas Civil Practice and Remedies Code, Chapters 101 and 104), thus each entity shall procure insurance in conformance with applicable state law.

**EMPLOYEES OF ONE ARE NOT THE EMPLOYEES OF THE OTHER**

The parties agree that nothing in the MOU makes any employee of Collin College an employee of Plano ISD nor makes any employee of Plano ISD an employee of Collin College. Faculty employed with Plano ISD who teach a dual credit course under this MOU as part of their regular duty hours with Plano ISD will remain employees of Plano ISD and not receive additional compensation from Collin College. Collin College will pay Plano ISD the equivalent of the current associate faculty rate of pay and dual credit stipend for the course as consideration for the faculty member teaching the dual credit course.

**ENTIRE AGREEMENT**

This MOU contains the entire agreement of the parties with respect to the matters contained herein and may not be modified or terminated except upon the provisions hereof or by the mutual written agreement of the parties hereto.

**GOVERNING LAW AND VENUE**

This MOU shall be construed in accordance with the laws of the State of Texas and shall be performable in Collin County, Texas. Venue for any suit relating to this MOU shall lie in Collin County, Texas.

**CONSIDERATION**

This MOU is executed by the parties hereto without coercion or duress and for substantial consideration, the sufficiency of which is forever confessed.

**COUNTERPARTS**

This MOU may be executed in a number of identical counterparts, each of which shall be deemed an original for all purposes. A facsimile signature will also be deemed to constitute an original if properly executed.

**AUTHORITY TO EXECUTE**

The individuals executing this MOU on behalf of the respective parties below represent to each other and to others that all appropriate and necessary action has been taken to authorize the individual who is executing the MOU to do so for and on behalf of the party for which his or her signature appears, that there are no other parties or entities required to execute this MOU in order for the same to be an authorized and binding agreement on the party for whom the individual is signing this MOU and that each individual affixing his or her signature hereto is authorized to do so, and such authorization is valid and effective on the date hereof.

**SAVINGS/SEVERABILITY**

In case any one or more of the provisions contained in this MOU shall for any reason be held to be invalid, illegal or unenforceable in any respect, such as invalidity, illegality or unenforceability, the provision(s) shall not affect any other provisions hereof, and this MOU shall be construed as if such invalid, illegal or unenforceable provision(s) had never been contained herein.

**REPRESENTATIONS**

Each signatory represents that this MOU has been read by the party for which this MOU is executed and that such party has had an opportunity to confer with its counsel.

**NO THIRD PARTY BENEFICIARIES**

Nothing in this MOU shall be construed to create any right in any third party not a signatory to this MOU, and the parties do not intend to create any third party beneficiaries by entering into this MOU.

**ASSIGNMENT/BINDING EFFECT**

This MOU is not assignable without the written consent of the parties.

**WAIVER**

Waiver by either party of any breach of this MOU, or the failure of either party to enforce any of the provisions of this MOU, at any time, shall not in any way affect, limit or waive such party's right thereafter to enforce and compel strict compliance.

**NON-WAIVER PROVISION**

Each party expressly acknowledges that the other is an agency of the State of Texas and nothing in this MOU will be construed as a waiver or relinquishment by either party of its right to claim such exemptions, privileges, and immunities as may be provided by law.

**MISCELLANEOUS DRAFTING PROVISIONS**

This MOU shall be deemed drafted equally by all parties hereto. The language of all parts of this MOU shall be construed as a whole according to its fair meaning, and any presumption or principle that the language herein is to be construed against any party shall not apply. Headings in this MOU are for the convenience of the parties and are not intended to be used in construing this document.

**ALTERNATE DISPUTE RESOLUTION**

The dispute resolution process provided in Chapter 2260, Texas Government Code, and the related rules adopted by the Texas Attorney General pursuant to Chapter 2260, shall be used by Collin College and Plano ISD to attempt to resolve any claim for breach of contract made by either Collin College or Plano ISD that cannot be resolved in the ordinary course of business. In the event of a claim by either party under this MOU, the party making such claim shall submit written notice of a claim of breach of contract under this Chapter to the District Vice President of Administrative Services & CFO of the other party, who shall examine the claimant party's claim and any counterclaim and negotiate with the claimant party in an effort to resolve the claim.

**TERM AND TERMINATION OF THE MOU**

This MOU shall remain in effect for a period of one year from execution and thereafter it shall be eligible for automatic renewal for successive periods of one year, unless sooner terminated as herein provided. This MOU may be terminated by either party upon ninety (90) days written notice to the other party by certified mail, return receipt requested. The termination shall not take effect until students who are enrolled at the time such notice is given have completed the courses in which they are enrolled.

**NOTICES**

Any notice provided or permitted to be given under this MOU must be in writing and may be served by depositing same in the United States mail, addressed to the party to be notified, postage pre-paid and registered or certified with return receipt requested, or by delivering the same to such party via facsimile or a hand-delivery service, Federal Express or any courier service that provides a return receipt showing the date of actual delivery of the same to the addressee thereof. Notice given in accordance herewith shall be effective upon receipt at the address of the addressee. For purposes of notice, the addresses of the parties shall be as follows:

If to Collin College, address it to:

District President  
Collin County Community College District  
Collin Higher Education Center  
3452 Spur 399  
McKinney, Texas 75069  
Telephone: (972) 758-3801  
Facsimile: (972) 758-5468

If to Plano ISD, address it to:

Superintendent of Schools  
Plano Independent School District  
2700 W. 15th Street  
Plano, Texas 75075  
Telephone: (469) 752-8100  
Facsimile: (469) 752-8096

**APPROVAL SIGNATURES**

**IN WITNESS WHEREOF**, the parties have executed this MOU and caused this MOU to be effective on the latest date as reflected by the signatures below.



[Sara M. Bonser \(Oct 4, 2021 16:42 CDT\)](#)

Oct 4, 2021

Ms. Sara Bonser, Superintendent  
Plano Independent School District

Date



[Neil Matkin \(Sep 10, 2021 16:00 CDT\)](#)

Sep 10, 2021

Dr. H. Neil Matkin, District President  
Collin County Community College District

Date