

## APPENDIX B: Courses Approved for Frisco ISD/Collin College Dual Credit

Collin College Course descriptions are available in the current Collin College Catalog: [collin.edu/academics/catalog.html](http://collin.edu/academics/catalog.html)  
 (Some Course Rubrics and/or Numbers are subject to change throughout the year).

| Frisco ISD Dual Credit Crosswalk 2023-2026  |                            |  |   |   |           |               |
|---|----------------------------|--|---|---|-----------|---------------|
| PEIMS Code                                  | HS Endorsements            | HS Dual Credit Course Title  | Possible HS Credit<br>0.5 = 1 sem<br>1.0 = 1 year | Collin College Course Title               |           | College Hours |
| <b>Academic Courses</b>                     |                            |  |   |   |           |               |
| <b>Academic Preparatory for Dual Credit</b> |                            |  |   |   |           |               |
| 13014200                                    | Multi-Disciplinary Studies | Col Psychology 1300 ONLINE   | 0.5   | Learning Framework                        | EDUC 1300 | 3             |
| <b>English for Dual Credit</b>              |                            |  |   |   |           |               |
| 03220300                                    | Multi-Disciplinary Studies | Col Engl 1301-Eng 3 & Col Engl 1302-Eng 3  | 0.5   | Composition I                             | ENGL 1301 | 3             |
|   |                            |  | 0.5   | Composition II                            | ENGL 1302 | 3             |
| 03220400                                    |                            | Col Engl 1301-Eng 4 & Col Engl 1302-Eng 4  | 0.5   | Composition I                             | ENGL 1301 | 3             |
|   |                            |  | 0.5   | Composition II                            | ENGL 1302 | 3             |
| 03220400                                    |                            | Col WorldLit Engl 2332 & Col WorldLit Engl 2333<br>(English IV if ENGL 1301 and 1302 was taken for Eng III credit) | 0.5   | World Literature I                        | ENGL 2332 | 3             |
|   |                            |  | 0.5   | World Literature II                       | ENGL 2333 | 3             |
| <b>Fine Arts for Dual Credit</b>            |                            |  |   |   |           |               |
| 03500110                                    | Arts and Humanities        | Col Arts 1301 ONLINE   | 0.5   | Art Appreciation                          | ARTS 1301 | 3             |
| <b>Mathematics for Dual Credit</b>          |                            |  |   |   |           |               |
| 03102500                                    | Multi-Disciplinary Studies | Col Alg MATH 1314  | 0.5   | College Algebra                           | MATH 1314 | 3             |
| 03102502                                    |                            | Col PreCal MATH 2412   | 0.5   | Pre-Calculus Math                         | MATH 2412 | 4             |
| 03102501                                    |                            | Calc Stats 1342  | 0.5   | Elementary Statistical Methods            | MATH 1342 | 3             |
| 03102501                                    |                            | Calc Bus & Econ 1325   | 0.5   | Calculus for Business and Social Sciences | MATH 1325 | 3             |

|                                       |                            |                                       |  |                                      |                         |           |   |
|---------------------------------------|----------------------------|---------------------------------------|--|--------------------------------------|-------------------------|-----------|---|
| 03102502                              | Multi-Disciplinary Studies | Col Calc MATH 2413                    | 0.5  | Calculus I                           | MATH 2413               | 4         |   |
| N1110018                              |                            | Col Calc 3 Math 2415 ONLINE           | 0.5  | Calculus III                         | MATH 2415               | 4         |   |
| N1110018                              |                            | Col DiffEq Math 2320 ONLINE           | 0.5  | Differential Equations               | MATH 2320               | 3         |   |
| <b>Science for Dual Credit</b>        |                            |                                       |  |                                      |                         |           |   |
| 13037200                              | Multi-Disciplinary Studies | Col Biology 1406 and Col Biology 1407 | 0.5  | Biology for Science Majors I         | BIOL 1406               | 4         |   |
|                                       |                            |                                       | 0.5  | Biology for Science Majors II        | BIOL 1407               | 4         |   |
| 13037200                              |                            | Col Biology 1408 & Col Biology 1409   | 0.5  | Biology for Non-Science Majors I     | BIOL 1408               | 4         |   |
|                                       |                            |                                       | 0.5  | Biology for Non-Science Majors II    | BIOL 1409               | 4         |   |
| 03020000                              |                            | Col Environmental Systems             | 0.5  | Environmental Science I              | ENVR 1401               | 4         |   |
|                                       |                            |                                       | 0.5  | Environmental Science II             | ENVR 1402               | 4         |   |
| 03060100                              |                            | Col Astronomy                         | 0.5  | Stars and Galaxies                   | PHYS 1403               | 4         |   |
|                                       |                            |                                       | 0.5  | Solar System                         | PHYS 1404               | 4         |   |
| <b>Social Studies for Dual Credit</b> |                            |                                       |  |                                      |                         |           |   |
| 03340100                              |                            | Multi-Disciplinary Studies            | Col US Hist 1301 & Col US Hist 1302 (US History) | 0.5                                  | United States History I | HIST 1301 | 3 |
|                                       | 0.5                        |                                       |  | United States History II             | HIST 1302               | 3         |   |
| 03310300                              | Col Econ 2302              |                                       | 0.5  | Principles of Microeconomics         | ECON 2302               | 3         |   |
| 03310300                              | Col Econ 2301              |                                       | 0.5  | Principles of Macroeconomics         | ECON 2301               | 3         |   |
| 03330100                              | Col Govt 2305              |                                       | 0.5  | Federal Government                   | GOVT 2305               | 3         |   |
| 03380002                              | Col TX Govt 2306 ONLINE    |                                       | 0.5  | Texas Government                     | GOVT 2306               | 3         |   |
| 03380001                              | Col Intro Soci 1301 ONLINE |                                       | 0.5  | Introduction to Sociology            | SOCI 1301               | 3         |   |
| <b>Speech for Dual Credit</b>         |                            |                                       |  |                                      |                         |           |   |
| 03241200                              | Business and Industry      | Col Spch 1311 ONLINE                  | 0.5  | Introduction to Speech Communication | SPCH 1311               | 3         |   |
| <b>Health Science Courses</b>         |                            |                                       |  |                                      |                         |           |   |
| <b>Patient Care Technician (PCT)</b>  |                            |                                       |  |                                      |                         |           |   |
| 13020500                              | Public Services            | Pract Health Science                  | 2  | Diagnostic Electrocardiography       | DSAE 1340               | 3         |   |
|                                       |                            |                                       |  | Phlebotomy                           | PLAB 1323               | 3         |   |
|                                       |                            |                                       |  | Patient Care Tech/Assistant          | NUPC 1320               | 3         |   |
|                                       |                            |                                       |  | Clinical-Patient Care Assistant/Aide | NUPC 1160               | 1         |   |

| <b>CNA</b>                 |                       |  |   |  |           |   |
|----------------------------|-----------------------|--|---|--|-----------|---|
| 13020410                   | Public Services       | COL Nura 1301&1160                       | 1 | Nurse Aide for Health Care                         | NURA 1301 | 3 |
|                            |                       |  |   | Clinical – Nursing Aide and Patient Care Assistant | NURA 1160 | 1 |
| <b>Medical Scribe</b>      |                       |  |   |  |           |   |
| 13020500                   | Public Services       | Medical Scribe                           | 2 | Medical Terminology I                              | HITT 1305 | 3 |
|                            |                       |  |   | Medical Law and Ethics for Health Professions      | HPRS 2321 | 3 |
|                            |                       |  |   | Human Anatomy and Physiology Basic                 | BIOL 2404 | 4 |
|                            |                       |  |   | Administrative Procedures                          | MDCA 1321 | 3 |
| <b>Pharmacy Technician</b> |                       |  |   |  |           |   |
| 13020510                   | Public Services       | Pharmacy Technician                      | 2 | Introduction to Pharmacy                           | PHRA 1201 | 2 |
|                            |                       |  |   | Drug Classification                                | PHRA 1205 | 2 |
|                            |                       |  |   | Pharmaceutical Mathematics I                       | PHRA 1209 | 2 |
|                            |                       |  |   | Clinical - Pharmacy Technician/Assistant           | PHRA 1260 | 2 |
|                            |                       |  |   | Community Pharmacy Practice                        | PHRA 1313 | 3 |
|                            |                       |  |   | Institutional Pharmacy Practice                    | PHRA 1349 | 3 |
| <b>Rehab Aide</b>          |                       |  |   |  |           |   |
| 13020500                   | Public Services       | Rehabilitation Aide                      | 2 | The Profession of Physical Therapy                 | PTHA 1201 | 2 |
|                            |                       |  |   | Introduction to Physical Therapy                   | PTHA 1409 | 4 |
|                            |                       |  |   | Basic Health Profession Skills II                  | PTHA 2310 | 3 |
|                            |                       |  |   | Clinical – Physical Therapist Assistant            | PTHA 1160 | 1 |
| <b>EMT</b>                 |                       |  |   |  |           |   |
| N1303015                   | Public Services       | Emergency Medical Technician-Basic (EMT) | 2 | Basic Health Profession Skills II                  | HPRS 2310 | 3 |
|                            |                       |  |   | Introduction to Emergency Medical Technician       | EMSP 1371 | 3 |
|                            |                       |  |   | Emergency Medical Technician                       | EMSP 1501 | 5 |
| <b>Workforce Courses</b>   |                       |  |   |  |           |   |
| <b>Culinary Arts</b>       |                       |  |   |  |           |   |
| 13022700                   | Business and Industry | Baking Pastry                            | 1 | Fundamentals of Baking                             | PSTR 1301 | 3 |

| Information Technology                             |                       |                              |   |   |           |   |
|--|-----------------------|------------------------------|---|---|-----------|---|
| N1302804   | Business and Industry | Internetworking II           | 1 | CCNA 2: Switching, Routing, and Wireless Essentials | ITCC 1344 | 3 |
|  |                       |                              |   | CCNA 3: Scaling Networks                            | ITCC 2320 | 3 |
| CTE Programs                                       |                       |                              |   |   |           |   |
| Biomedical Equipment Technology for Dual Credit    |                       |                              |   |   |           |   |
| 13020500   | Business and Industry | Pract HS Bio Equipment 1     | 2 | Technical Algebra and Trigonometry                  | TECM 1343 | 3 |
|  |                       |                              |   | Fundamentals of Electronics                         | CETT 1307 | 3 |
|  |                       |                              |   | Digital Fundamentals                                | CETT 1425 | 4 |
|  |                       |                              |   | Medical Terminology                                 | HITT 1305 | 3 |
|  |                       |                              |   | DC-AC Circuits                                      | CETT 1409 | 4 |
|  |                       |                              |   | General Medical Equipment I                         | BIOM 2311 | 3 |
|  |                       |                              |   | IT Essentials: PC Hardware and Software             | CPMT 1305 | 3 |
| 13020510   | Business and Industry | Pract HS Bio Equipment 2     | 2 | Physiological Instruments I                         | BIOM 2315 | 3 |
|  |                       |                              |   | General Medical Equipment II                        | BIOL 2343 | 3 |
|  |                       |                              |   | Safety in Health Care Facilities                    | BIOM 2201 | 2 |
|  |                       |                              |   | Network+  | ITNW 1358 | 3 |
|  |                       |                              |   | Biomedical Clinical Instrumentation                 | BIOM 2331 | 3 |
|  |                       |                              |   | Fundamentals of X-Ray and Medical Imaging Systems   | BIOM 2319 | 3 |
|  |                       |                              |   | Respiratory Equipment Maintenance                   | BIOM 2337 | 3 |
| Robotics and Automation Technology for Dual Credit |                       |                              |   |   |           |   |
| 13028000   | Business and Industry | Pract Manufacture Ind Auto 1 | 2 | Technical Algebra and Trigonometry                  | TECM 1343 | 3 |
|  |                       |                              |   | Fundamentals of Electronics                         | CETT 1307 | 3 |
|  |                       |                              |   | Digital Fundamentals                                | CETT 1425 | 4 |
|  |                       |                              |   | DC-AC Circuits                                      | CETT 1409 | 4 |
|  |                       |                              |   | Basic Fluid Power                                   | ELMT 1305 | 3 |
|  |                       |                              |   | Robotic Fundamentals                                | RBTC 1405 | 4 |

|  |                       |                              |   |   |           |   |
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| 13028010                                       |                       | Pract Manufacture Ind Auto 2 | 2 | Programmable Logic Controllers            | ELMT 1301 | 3 |
|  |                       |                              |   | AC/DC Motor Control                       | INTC 1357 | 3 |
|  |                       |                              |   | Robot Application, Set-up, and Testing    | RBTC 2345 | 3 |
|  |                       |                              |   | Instrumentation Test Equipment            | INTC 1307 | 3 |
|  |                       |                              |   | Distributed Control Systems               | INTC 2359 | 3 |
|  |                       |                              |   | Advanced Programmable Logic Controllers   | ELMT 2339 | 3 |
|  |                       |                              |   | Microprocessor                            | CETT 1445 | 4 |
| <b>Construction Management for Dual Credit</b> |                       |                              |   |   |           |   |
| 13004900                                       | Business and Industry | Construction Management I    | 2 | Materials & Methods I                     | CNBT 1311 | 3 |
|  |                       |                              |   | Construction Management I                 | CNBT 2342 | 3 |
|  |                       |                              |   | OSHA Regulations                          | OSHT 1305 | 3 |
|  |                       |                              |   | Communications in Management              | BMGT 1305 | 3 |
|  |                       |                              |   | Residential and Light Blueprint Reading   | CNBT 1300 | 3 |
|  |                       |                              |   | Construction Methods & Materials II       | CNBT 2304 | 3 |
| 13005000                                       | Business and Industry | Construction Management II   | 2 | Construction Estimating                   | CNBT 1346 | 3 |
|  |                       |                              |   | Project Scheduling                        | CNBT 1359 | 3 |
|  |                       |                              |   | Commercial/Industrial Blueprint Reading   | CNBT 2310 | 3 |
|  |                       |                              |   | Building Codes & Inspections              | CNBT 1342 | 3 |
|  |                       |                              |   | Field Engineering                         | CNBT 1315 | 3 |
|  |                       |                              |   | Mech, Elec & Plumbing Systems             | CNBT 2340 | 3 |
| Construction Management II                     | CNBT 2344             | 3                            |   |   |           |   |
| <b>HVAC Certificate for Dual Credit</b>        |                       |                              |   |   |           |   |
| 13005800                                       | Business and Industry | HVAC 1                       | 1 | Basic Electricity for HVAC                | HART 1401 | 3 |
|  |                       |                              |   | Refrigeration Principles                  | HART 1407 | 3 |
|  |                       |                              |   | Residential Air Conditioning              | HART 1441 | 4 |
|  |                       |                              |   | Gas and Electric Heating                  | HART 1445 | 4 |
|  |                       |                              |   | Advanced Electricity for HVAC             | HART 2431 | 4 |
|  |                       |                              |   | Air Conditioning Installation and Startup | HART 2438 | 4 |

|   |                       |                          |   |   |           |   |
|---|-----------------------|--------------------------|---|---|-----------|---|
|   |                       |                          |   | Residential Air Conditioning  | HART 2345 | 3 |
|   |                       |                          |   | Heat Pumps  | HART 2349 | 3 |
| 13005900                                |                       | HVAC 2                   | 2 | Commercial Air Conditioning   | HART 2341 | 3 |
|   |                       |                          |   | Commercial Refrigeration  | HART 2342 | 3 |
|   |                       |                          |   | Advanced A/C Controls   | HART 2334 | 3 |
|   |                       |                          |   | Industrial Air Conditioning   | HART 2343 | 3 |
|   |                       |                          |   | Test Adjust Balancing HVAC Sys  | HART 2358 | 3 |
|   |                       |                          |   | <b>Automotive Tech for Dual Credit</b>                                      |           |   |
| 13039600                                | Business and Industry | Automotive Technology I  | 2 | Introduction to Automotive Technology                                       | AUMT 1305 | 3 |
|   |                       |                          |   | Electrical Systems  | AUMT 1307 | 3 |
|   |                       |                          |   | Suspension and Steering   | AUMT 1316 | 3 |
|   |                       |                          |   | Automotive Brake Systems  | AUMT 1310 | 3 |
|   |                       |                          |   | Engine Repair   | AUMT 1319 | 3 |
|   |                       |                          |   | Automotive Electrical Diagnosis and Repair                                  | AUMT 2321 | 3 |
| 13039700                                | Business and Industry | Automotive Technology II | 2 | Automotive Climate Control Systems  | AUMT 1345 | 3 |
|   |                       |                          |   | Automotive drive Train and Axles  | AUMT 2313 | 3 |
|   |                       |                          |   | Automotive Engine Performance Analysis I                                    | AUMT 2317 | 3 |
|   |                       |                          |   | Automotive Automatic Transmission & Transaxle                               | AUMT 2325 | 3 |
|   |                       |                          |   | Automotive Electronics  | AUMT 2337 | 3 |
|   |                       |                          |   | Automotive Engine Performance Analysis II (Capstone)                        | AUMT 2334 | 3 |
| <b>Collision Repair for Dual Credit</b> |                       |                          |   |   |           |   |
| 13039800                                | Business and Industry | Collision Repair         | 2 | Automotive Hybrid and/or Battery Electric Vehicle (BEV) Systems Diagnostics | AUMT 2307 | 3 |
|   |                       |                          |   | Vehicle Trim and Hardware   | ABDR 1315 | 3 |
|   |                       |                          |   | Non-Structural Metal Repair   | ABDR 1455 | 4 |
|   |                       |                          |   | Basic Refinishing   | ABDR 1331 | 3 |
|   |                       |                          |   | Automotive Plastic and Sheet Molded Compound Repair                         | ABDR 1349 | 3 |
|   |                       |                          |   | Current Trends in Collision Technology                                      | ABDR 1291 | 2 |

|          |  |                       |   |  |           |   |
|----------|--|-----------------------|---|--|-----------|---|
|          |  |                       |   | Intermediate Refinishing                     | ABDR 1458 | 4 |
|          |  |                       |   | Auto Body Mechanical and Electrical Service  | ABDR 2402 | 4 |
| 13039900 |  | Paint and Refinishing | 2 | Collision Repair Estimating                  | ABDR 2255 | 2 |
|          |  |                       |   | Collision Repair Welding                     | ABDR 1307 | 3 |
|          |  |                       |   | Advanced Collision Repair Welding            | ABDR 2347 | 3 |
|          |  |                       |   | Cooperative Education                        | ABDR 2280 | 2 |
|          |  |                       |   | Structural Analysis and Damage Repair V      | ABDR 2437 | 4 |
|          |  |                       |   | Major Collision Repair and Panel Replacement | ABDR 2441 | 4 |
|          |  |                       |   | Advanced Refinishing                         | ABDR 2449 | 4 |