## **CTE Pathway Dual Credit Courses**

- State-sponsored dual credit courses can be used to enhance approved high school CTE programs.
- In order to be included for CTE credit, the state-sponsored dual credit courses must be included as part of a school's CTE program application. Courses taken outside of an approved program will not count as secondary CTE credit, including for benefits outlined below.
- An approved cluster must include a minimum of two secondary courses. Programs that
  are entirely comprised of dual credit (I.e., a postsecondary-only pathway) will not be
  approved.
- State-sponsored dual credit courses from the list that follows, as part of a high school's approved program, may count toward concentrator status (including for the College and Career Readiness indicator on the report card) and the Advanced Career Endorsement for students.
- State-sponsored dual credit courses, as part of an approved program, are intended to enhance local programming by allowing students further growth, exploration, and skill development as they progress within a cluster.

## **Links to Clusters**

Agriculture, Food, and Natural Resources

Arts, A/V, and Communications

**Architecture and Construction** 

**Business Management and Administration** 

**Education and Training** 

Finance

**Government and Public Affairs** 

**Health Science** 

**Hospitality and Tourism** 

**Human Services** 

**Information Technology** 

**Law and Public Safety** 

Manufacturing

Marketing

**STEM** 

**Transportation** 

|              |            | Approved Dual Credit for                                |
|--------------|------------|---|
|              | The Agricu | ılture, Food, and Natural Resources Cluster             |
| BOR          | ABS-203    | Global Food Systems (Dual-Credit)                       |
| Tech College | AG-100     | Soil Science (Dual-Credit)                              |
| Tech College | AG-102     | Crop Science (Dual-Credit)                              |
| Tech College | AG-106     | Animal Health I (Dual-Credit)                           |
| Tech College | AG-122     | Fertilizers (Dual-Credit)                               |
| Tech College | AG-124     | Ag Chemicals (Dual-Credit)                              |
| Tech College | AG-126     | Weed Management (Dual-Credit)                           |
| Tech College | AG-135     | Farm Power/Engines (Dual-Credit)                        |
| Tech College | AG-136     | Advanced Farm Power (Dual-Credit)                       |
| Tech College | AG-158     | Farm/Ranch Records (Dual-Credit)                        |
| Tech College | AG-159     | Farm/Ranch Records (Dual-Credit)                        |
| Tech College | AG-200     | Animal Nutrition (Dual-Credit)                          |
| Tech College | AG-214     | Ag Chemical Equipment (Dual-Credit)                     |
| Tech College | AG-216     | Farm Power/Electrical Wiring (Dual-Credit)              |
| Tech College | AG-221     | Machinery Management (Dual-Credit)                      |
| Tech College | AG-224     | Facilities (Dual-Credit)                                |
| Tech College | AG-226     | Commodity Marketing (Dual-Credit)                       |
| Tech College | AG-261     | Livestock Marketing & Evaluation (Dual-Credit)          |
| Tech College | AGR-101    | Basic Animal Husbandry (Dual-Credit)                    |
| Tech College | AGR-103    | Breeding Practices and Techniques (Dual-Credit)         |
| Tech College | AGR-105    | Ag Safety (Dual-Credit)                                 |
| Tech College | AGR-107    | Equine Science I (Dual-Credit)                          |
| Tech College | AGR-110    | Animal Science (Dual-Credit)                            |
| Tech College | AGR-111    | Horsemanship (Dual-Credit)                              |
| Tech College | AGR-116    | Sheep/Goat Production (Dual-Credit)                     |
| Tech College | AGR-118    | Soil and Water Management (Dual-Credit)                 |
| Tech College | AGR-120    | Seed and Grain Technology (Dual-Credit)                 |
| Tech College | AGR-156    | Farm Management I (Dual-Credit)                         |
| Tech College | AGR-162    | Coop Principles (Dual-Credit)                           |
| Tech College | AGR-163    | Principles of selling for AG (Dual-Credit)              |
| Tech College | AGR-165    | Business Supervised Occupational Exp I (Dual-Credit)    |
| Tech College | AGR-170    | Dairy Science (Dual-Credit)                             |
| Tech College | AGR-201    | Veterinary Medical Terminology (Dual-Credit)            |
| Tech College | AGR-202    | Livestock Nutrition Problems (Dual-Credit)              |
| Tech College | AGR-203    | Animal Phlebotomy/Sample Collection (Dual-Credit)       |
| Tech College | AGR-204    | Animal Health II (Dual-Credit)                          |
| Tech College | AGR-205    | Treatment of Animal Injuries (Dual-Credit)              |
| Tech College | AGR-209    | Biologies & Pharmaceutical Administration (Dual-Credit) |
| Tech College | AGR-210    | Forages and Grasses (Dual-Credit)                       |
| Tech College | AGR-211    | Animal Anatomy (Dual-Credit)                            |

| Toch Collogo | AGR-212             | Plant Diseases/Insect ID & Control (Dual-Credit)  |
|--------------|---------------------|---|
| Tech College | AGR-212             | Adv Fert Soils Waste Management (Dual-Credit)     |
| Tech College |                     |   |
| Tech College | AGR-217             | Electronic Components Troubleshoot (Dual-Credit)  |
| Tech College | AGR-223             | Advanced Computer Applications Ag (Dual-Credit)   |
| Tech College | AGR-227             | Precision Ag Tools (Dual-Credit)                  |
| Tech College | AGR-233             | Commodity Futures and Options (Dual-Credit)       |
| Tech College | AGR-235             | Commodity Merchandising (Dual-Credit)             |
| Tech College | AGR-236             | Bus. Management I (Dual-Credit)                   |
| Tech College | AGR-237             | Business Law/Supervision (Dual-Credit)            |
| Tech College | AGR-238             | Bus. Management II (Dual-Credit)                  |
| Tech College | AGR-239             | Microsoft Excel for Ag (Dual-Credit)              |
| Tech College | AGR-241             | Farm Machinery and Construction (Dual-Credit)     |
| Tech College | AGR-245             | Equine Breeding (Dual-Credit)                     |
| Tech College | AGR-251             | Intro to Ranch Mgmt & Plant (Dual-Credit)         |
| Tech College | AGR-252             | Advanced Nutrition (Dual-Credit)                  |
| Tech College | AGR-254             | Beef Production (Dual-Credit)                     |
| Tech College | AGR-255             | Dairy Herd Management (Dual-Credit)               |
| Tech College | AGR-257             | Milk Production (Dual-Credit)                     |
| Tech College | AGR-258             | Basic Dairy Spanish (Dual-Credit)                 |
| Tech College | AGR-261             | Livestock Marketing & Evaluation (Dual-Credit)    |
| Tech College | AGR-262             | Precision Ag/Data Collection (Dual-Credit)        |
| Tech College | AGR-264             | Equine Health (Dual-Credit)                       |
| Tech College | AGT-101             | Animal Science I (Dual-Credit)                    |
| Tech College | AGT-102             | Weeds & Herbicides (Dual-Credit)                  |
| Tech College | AGT-103             | Machinery Management (Dual-Credit)                |
| Tech College | AGT-104             | Ag Chemicals (Dual-Credit)                        |
| Tech College | AGT-110             | Crop Science I (Dual-Credit)                      |
| Tech College | AGT-112             | Fertilizers (Dual-Credit)                         |
| Tech College | AGT-120             | Soil Science (Dual-Credit)                        |
| Tech College | AGT-123             | Welding (Dual-Credit)                             |
| Tech College | AGT-130             | Livestock Selection (Dual-Credit)                 |
| Tech College | AGT-180             | Ag Production Management (Dual-Credit)            |
| Tech College | AGT-190             | Internship I (Dual-Credit)                        |
| Tech College | AGT-213             | Welding (Dual-Credit)                             |
| Tech College | AGT-214             | Ag Law (Dual-Credit)                              |
| Tech College | AGT-223             | Basic Bldg/Electrical Principles (Dual-Credit)    |
| Tech College | AGT-258             | Small Engines for Ag (Dual-Credit)                |
| Tech College |                     | Calving Management (Dual-Credit)                  |
| BOR          | AGT-296<br>BIOL-211 | Environmental Biology (Dual-Credit)               |
|              | †                   |   |
| BOR College  | BIOL-235            | Introduction to Biotechnology (Dual-Credit)       |
| Tech College | EET-102             | Introduction to Environmental Scien (Dual-Credit) |
| Tech College | EET-103             | Environmental Instrumentation (Dual-Credit)       |
| Tech College | EET-106             | Introductory Field Methods (Dual-Credit)          |

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|--------------|---------|---|
| Tech College | EET-202 | Water Quality (Dual-Credit)                       |
| Tech College | EET-204 | Environmental Regulations (Dual-Credit)           |
| Tech College | EET-222 | Introduction to Wastewater Technolo (Dual-Credit) |
| Tech College | EET-225 | Air Quality (Dual-Credit)                         |
| Tech College | EET-250 | Soils Testing (Dual-Credit)                       |
| Tech College | EET-251 | Environmental Geology (Dual-Credit)               |
| Tech College | EET-253 | Principles of Water Resources (Dual-Credit)       |
| Tech College | EET-255 | Introduction to Geomorphology (Dual-Credit)       |
| Tech College | HT-111  | Introduction to Horticulture (Dual-Credit)        |
| Tech College | HT-112  | Woody Plants (Dual-Credit)                        |
| Tech College | HT-113  | Turf Management (Dual-Credit)                     |
| Tech College | HT-234  | Pest Management (Dual-Credit)                     |
| Tech College | PAT-100 | Intro to GPS Technologies (Dual-Credit)           |
| Tech College | PAT-102 | Principles of GPS/GIS (Dual-Credit)               |
| Tech College | PAT-107 | Basic Hydraulics (Dual-Credit)                    |
| Tech College | PAT-111 | Wireless Communications (Dual-Credit)             |
| Tech College | PAT-121 | Precision Ag Electronics (Dual-Credit)            |
| Tech College | PAT-130 | Technology Installation & Oper I (Dual-Credit)    |
| Tech College | PAT-140 | Guidance Systems Remote Sensing (Dual-Credit)     |
| Tech College | PAT-142 | Data Collection (Dual-Credit)                     |
| Tech College | PAT-151 | Precision Ag Electronics Lab (Dual-Credit)        |
| Tech College | PAT-190 | Internship (Dual-Credit)                          |
| Tech College | PS-213  | Soils (Dual-Credit)                               |
| Tech College | PS-213L | Soils Lab (Dual-Credit)                           |
| Tech College | PS-243  | Principles of Geology (Dual-Credit)               |
| Tech College | PS-244L | Geol Resources S. Dak. Lab (Dual-Credit)          |

|              |           | Approved Dual Credit for                        |
|--------------|-----------|---|
|              | Arts/ Aud | io/Video Technology, & Communications           |
| BOR          | ART-123   | Three Dimensional Design (Dual-Credit)          |
| Tech College | BSA-110   | Visual Merchandising (Dual-Credit)              |
| Tech College | BSA-112   | Fashion Fundamentals (Dual-Credit)              |
| Tech College | BSA-114   | Design I (Dual-Credit)                          |
| Tech College | BSA-122   | Buying (Dual-Credit)                            |
| Tech College | BSA-200   | Video/Media (Dual-Credit)                       |
| Tech College | BSA-216   | Fashion Survey (Dual-Credit)                    |
| Tech College | BSA-220   | Merchandise Planning & Control (Dual-Credit)    |
| Tech College | BSA-222   | Design Theory (Dual-Credit)                     |
| Tech College | BSA-226   | Furniture & Style (Dual-Credit)                 |
| Tech College | BUS-166   | Digital Image Design for Business (Dual-Credit) |
| Tech College | CIS-141   | Web Design and Maintenance (Dual-Credit)        |
| Tech College | CIS-152   | Graphic Layout (Dual-Credit)                    |
| Tech College | CIS-175   | Photography Visual Communications (Dual-Credit) |
| Tech College | CIS-241   | Advanced Web Design (Dual-Credit) - LATI        |
| Tech College | CIS-252   | Multimedia Production/Integration (Dual-Credit) |
| Tech College | CIS-254   | Animation (Dual-Credit)                         |
| Tech College | CIS-256   | 3D Animation (Dual-Credit)                      |
| Tech College | COMM-210  | Media Presentation (Dual-Credit)                |
| Tech College | DMP-100   | Motion Graphic Design (Dual-Credit)             |
| Tech College | DMP-110   | Digital Media Essentials (Dual-Credit)          |
| Tech College | DMP-120   | Motion Graphics I (Dual-Credit)                 |
| Tech College | DMP-130   | 3D Animation I (Dual-Credit)                    |
| BOR          | MCOM-151  | Intro to Mass Communications (Dual-Credit)      |
| BOR          | MCOM-160  | Intro to Film (Dual-Credit)                     |
| Tech College | MEDIA-102 | Mac Seminar (Dual-Credit)                       |
| Tech College | MEDIA-115 | Digital Imaging (Dual-Credit)                   |
| Tech College | MEDIA-117 | Design Fundamentals I (Dual-Credit)             |
| Tech College | MEDIA-118 | Grids and Layout (Dual-Credit)                  |
| Tech College | MEDIA-127 | Design Fundamentals (Dual-Credit)               |
| Tech College | MEDIA-140 | Digital Photography (Dual-Credit)               |
| Tech College | MKT-250   | Web Design (Dual-Credit)                        |

|              |         | Approved Dual Credit for                               |
|--------------|---------|--|
|              | The A   | Architecture and Construction Cluster                  |
| Tech College | ACT-120 | Materials and Methods of Construction (Dual-Credit)    |
| Tech College | AD-101  | Building Design (Dual-Credit)                          |
| Tech College | AD-102  | Principles of Drafting II CAD (Dual-Credit)            |
| Tech College | AD-117  | Project Timeline (Dual-Credit)                         |
| Tech College | AD-150  | Basic Drafting Lab (Dual-Credit)                       |
| Tech College | AD-151  | Architectural Drafting Design (Dual-Credit)            |
| Tech College | AD-152  | 3D Architectural Design (Dual-Credit)                  |
| Tech College | BC-103  | Construction Equipment (Dual-Credit)                   |
| Tech College | BC-110  | Framing and Exterior Finish (Dual-Credit)              |
| Tech College | BC-115  | Building Methods (Dual-Credit)                         |
| Tech College | BC-121  | Material Takeoff (Dual-Credit)                         |
| Tech College | BC-124  | Green Building (Dual-Credit)                           |
| Tech College | BC-130  | Cabinetry (Dual-Credit)                                |
| Tech College | BTT-112 | BTT-112 OSHA/Safety (Dual-Credit)                      |
| Tech College | BTT-116 | BTT-116 Construction Technology I (Dual-Credit)        |
| Tech College | BTT-117 | BTT-117 Construction I A (Dual-Credit)                 |
| Tech College | BTT-121 | BTT-121 Construction   B (Dual-Credit)                 |
| Tech College | BTT-125 | BTT-125 Cabinet Technology (Dual-Credit)               |
| Tech College | BTT-126 | BTT-126 Cabinetry A (Dual-Credit)                      |
| Tech College | BTT-127 | BTT-127 Cabinetry B (Dual-Credit)                      |
| Tech College | BTT-131 | BTT-131 Interior Finishing (Dual-Credit)               |
| Tech College | BTT-147 | BTT-147 Construction II A (Dual-Credit)                |
| Tech College | BTT-148 | BTT-148 Construction II B (Dual-Credit)                |
| Tech College | BTT-156 | BTT-156 Residential Drafting/CAD (Dual-Credit)         |
| Tech College | BTT-202 | BTT-202 Site Preparation and Concrete (Dual-Credit)    |
| Tech College | BTT-204 | BTT-204 Construction Technology II (Dual-Credit)       |
| Tech College | BTT-209 | BTT-209 Construction III (Dual-Credit)                 |
| Tech College | BTT-220 | BTT-220 Construction Estimating (Dual-Credit)          |
| Tech College | BTT-235 | BTT-235 Construction IV (Dual-Credit)                  |
| Tech College | BTT-252 | BTT-252 Advanced Construction Technology (Dual-Credit) |
| Tech College | CAD-101 | Drafting Fundamentals (Dual-Credit)                    |
| Tech College | CAD-111 | Architectural Drafting I (Dual-Credit)                 |
| Tech College | CAD-120 | Computer Assisted Design I (Dual-Credit)               |
| Tech College | CAD-132 | Intro to 2D CAD (Dual-Credit)                          |
| Tech College | CAD-135 | Architectural Construction Theory I (Dual-Credit)      |
| Tech College | CAD-139 | 2D CAD (Dual-Credit)                                   |
| Tech College | CAD-140 | Advanced 2D CAD (Dual-Credit)                          |
| Tech College | CAD-141 | Architectural 3D CAD (Dual-Credit)                     |
| Tech College | CAD-142 | Mechanical 3D CAD (Dual-Credit)                        |
| Tech College | CAD-150 | Architectural Print Reading (Dual-Credit)              |

| Tech CollegeCAD-202Mechanical Drafting (Dual-Credit)Tech CollegeCAD-203Principles of Commercial Theory I (Dual-Credit)Tech CollegeCAD-214Introduction to Civil Drafting (Dual-Credit)Tech CollegeCAD-215Light Commercial Construction with Mech (Dual-Credit) |   |
|---|---|
| Tech College CAD-214 Introduction to Civil Drafting (Dual-Credit)   |   |
|   | J |
|   |   |
| Tech College CAD-221 Mechanical Dimensioning (Dual-Credit)  |   |
|   |   |
|   |   |
| Tech College CAD-232 Mechanical Principles (Dual-Credit)  Tech College CAD-234 Mechanical Print Reading (Dual-Credit)   |   |
| Tech College CAD-234 Mechanical Print Reading (Dual-Credit)   |   |
| Tech College CAD-237 Architectural Drafting II (Dual-Credit)  |   |
| Tech College CAD-240 3D Architectural Design (Dual-Credit)  |   |
| Tech College CAD-247 Computer Automated Manufacturing (Dual-Credit)   |   |
| Tech College CAD-250 Introduction to Mapping/GPS (Dual-Credit)  |   |
| Tech College CAD-251 Introduction to GIS (Dual-Credit)  |   |
| Tech College CAD-252 Introduction to Surveying (Dual-Credit)  |   |
| Tech College CAD-255 Intro to 3D CAD (Dual-Credit)  |   |
| Tech College CET-110 Survey I (Dual-Credit)   |   |
| Tech College CMT-101 Construction Basics (Dual-Credit)  |   |
| Tech College CMT-101L Construction Basics Lab (Dual-Credit)   |   |
| Tech College CMT-110 Construction Equipment (Dual-Credit)   |   |
| Tech College CMT-110L Construction Equipment Lab (Dual-Credit)  |   |
| Tech College CMT-120 Residential Construction Techniques (Dual-Credit)  |   |
| Tech College CMT-120L Residential Construction Techniques Lab (Dual-Credit)   |   |
| Tech College CMT-140 Construction Management (Dual-Credit)  |   |
| Tech College CT-110 Construction Safety/OSHA (Dual-Credit)  |   |
| Tech College CT-115 Carpentry Framing and Finish Work (Dual-Credit)   |   |
| Tech College CT-120 Concrete & Masonry Work (Dual-Credit)   |   |
| Tech College CT-130 Commercial Modular Construction (Dual-Credit)   |   |
| Tech College FETG-235 Construction Materials Sampling & T (Dual-Credit)   |   |
| Tech College FFT-110 Building Construction (Dual-Credit)  |   |
| Tech College HVAC-120 Electrical Applications for HVAC I (Dual-Credit)  |   |
| Tech College HVAC-121 Electrical Applications for HVAC I (Dual-Credit)  |   |
| Tech College HVAC-125 HVAC Installation I (Dual-Credit)   |   |
| Tech College HVAC-126 HVAC Installation I Lab (Dual-Credit)   |   |
| Tech College HVAC-130 HVAC Plan and Print Reading (Dual-Credit)   |   |
| Tech College HVAC-135 Electrical Applications for HVAC II (Dual-Credit)   |   |
| Tech College HVAC-140 Pipe Joining Methods (Dual-Credit)  |   |
| Tech College HVAC-145 HVAC Installation II (Dual-Credit)  |   |
| Tech College HVAC-146 HVAC Installation II Lab (Dual-Credit)  |   |
| Tech College HVAC-222 Refrigeration (Dual-Credit)   |   |
| Tech College HVAC-223 HVAC/R Lab (Dual-Credit)  |   |
| Tech College HVAC-225 Electrical Applications for HVAC.R III (Dual-Credit)  |   |
| Tech College IE- 221 Programmable Logic Controllers (Dual-Credit)   |   |
| Tech College   IEL-122   Electrical Code Study   (Dual-Credit)  |   |

| IEL-129   | Introduction to Electrical Wiring L (Dual-Credit)   |
|-----------|---|
| IEL-130   | Introduction to Electrical Wiring (Dual-Credit)   |
| IEL-132   | Electrical Fundamentals (Dual-Credit)   |
| IEL-133   | Electrical Fundamentals Lab (Dual-Credit)   |
| IEL-135   | Basic Electrical Materials and Devi (Dual-Credit)   |
| IEL-213   | Electrical Heating and Appliances (Dual-Credit)   |
| IEL-214   | Electrical Code Study II (Dual-Credit)  |
| IEL-217   | Special Systems (Dual-Credit)   |
| IEL-218   | Wiring Lab I (Dual-Credit)  |
| IEL-220   | Wiring Lab II (Dual-Credit)   |
| IEL-222   | PLC Lab (Dual-Credit)   |
| IEL-224   | Power Distribution (Dual-Credit)  |
| IEL-230   | Blueprint Reading Electrical Planning (Dual-Credit)   |
| PLMB-101  | Plumbing Theory and Processes I (Dual-Credit)   |
| PLMB-101L | Plumbing Theory and Processes I Lab (Dual-Credit)   |
| PLMB-103  | Blueprint Reading for Plumbers (Dual-Credit)  |
| PLU-150   | Plumbing Theory I   |
| PLU-155   | Plumbing Theory II  |
| PM-106    | Blueprint Reading (Dual-Credit)   |
| RA-110    | Basic Electricity (Dual-Credit)   |
| RA-111    | Basic Refrigeration (Dual-Credit)   |
| RA-112    | Basic Heating Systems (Dual-Credit)   |
| RA-113    | Sheet Metal Layout and Fabrication (Dual-Credit)  |
|           | IEL-130 IEL-132 IEL-133 IEL-135 IEL-213 IEL-214 IEL-217 IEL-218 IEL-220 IEL-222 IEL-224 IEL-224 IEL-230 PLMB-101 PLMB-101L PLMB-103 PLU-150 PLU-155 PM-106 RA-110 RA-111 RA-112 |

|              |          | Approved Dual Credit For                          |
|--------------|----------|---|
|              | Busin    | ess Management And Administration                 |
| Tech College | ACCT-110 | Principles of Accounting I (Dual-Credit)          |
| Tech College | ACCT-111 | Principles of Accounting II (Dual-Credit)         |
| Tech College | ACCT-118 | Tax Accounting for Business (Dual-Credit)         |
| Tech College | ACCT-120 | Principles of Accounting I (Dual-Credit)          |
| Tech College | ACCT-121 | Principles of Accounting II (Dual-Credit)         |
| Tech College | ACCT-210 | Principles of Accounting (Dual-Credit)            |
| Tech College | ACCT-211 | Principles of Accounting II (Dual-Credit)         |
| Tech College | ACCT-212 | Intermediate Accounting I (Dual-Credit)           |
| Tech College | ACCT-213 | Intermediate Accounting II (Dual-Credit)          |
| Tech College | ACCT-214 | Managerial Accounting (Dual-Credit)               |
| Tech College | ACCT-215 | Payroll Accounting (Dual-Credit)                  |
| Tech College | ACCT-217 | Computerized Accounting (Dual-Credit)             |
| Tech College | ACCT-218 | Income Tax I (Dual-Credit) - STI                  |
| Tech College | ACCT-218 | Tax Accounting I (Dual-Credit)                    |
| Tech College | ACCT-223 | Financial Management (Dual-Credit)                |
| Tech College | ACCT-227 | Excel for Accounting (Dual-Credit)                |
| Tech College | ACCT-228 | Quick Books for Accounting (Dual-Credit)          |
| Tech College | ACCT-230 | Topics and Issues in Accounting (Dual-Credit)     |
| Tech College | ACCT-237 | Payroll (Dual-Credit)                             |
| BOR          | BADM-101 | Survey of Business (Dual-Credit)                  |
| BOR          | BADM-244 | Business Communications (Dual-Credit)             |
| Tech College | BUS-244  | International Business (Dual-Credit)              |
| Tech College | BUS-101  | Intro to Business (Dual-Credit)                   |
| BOR          | BUS-101  | Survey of Business (Dual-Credit)                  |
| Tech College | BUS-105  | Document Formatting and Production (Dual-Credit)  |
| Tech College | BUS-107  | Office Procedures (Dual-Credit)                   |
| Tech College | BUS-110  | Accounting for Business I (Dual-Credit)           |
| Tech College | BUS-111  | Accounting for Business II (Dual-Credit)          |
| Tech College | BUS-122  | Bus. Relationships (Dual-Credit)                  |
| Tech College | BUS-129  | Oral Communications in Business (Dual-Credit)     |
| Tech College | BUS-130  | Business Communications (Dual-Credit)             |
| Tech College | BUS-137  | Professional Development (Dual-Credit)            |
| Tech College | BUS-140  | Business Law (Dual-Credit)                        |
| Tech College | BUS-141  | Written Communications for Business (Dual-Credit) |
| Tech College | BUS-142  | Project Management (Dual-Credit)                  |
| Tech College | BUS-185  | E-Business (Dual-Credit)                          |
| Tech College | BUS-200  | Office Procedures (Dual-Credit) - WDT             |
| Tech College | BUS-210  | Supervisory Management (Dual-Credit) - STI        |
| Tech College | BUS-210  | Small Business Development (Dual-Credit) - LATI   |
| Tech College | BUS-210  | Sales and Advertising (Dual-Credit) - MTI         |

| Tech College | BUS-212   | Human Resource Management (Dual-Credit) - STI           |
|--------------|-----------|---|
| Tech College | BUS-212   | Principles of Management (Dual-Credit) - MTI            |
| Tech College | BUS-215   | Business Ethics (Dual-Credit) - LATI                    |
| Tech College | BUS-217   | Customer Service (Dual-Credit)                          |
| Tech College | BUS-218   | Design Essentials (Dual-Credit) - WDT                   |
| Tech College | BUS-218   | Project Management (Dual-Credit) - STI                  |
| Tech College | BUS-218   | Intro to Human Resources Management (Dual-Credit) - MTI |
| Tech College | BUS-220   | Supervisory Management (Dual-Credit) - MTI              |
| Tech College | BUS-225   | HR Compensation and Benefits (Dual-Credit)              |
| Tech College | BUS-230   | Small Business Entrepreneurship (Dual-Credit)           |
| Tech College | BUS-233   | Small Business Entrepreneurship (Dual-Credit)           |
| BOR          | BUS-244   | Business Communications (Dual-Credit)                   |
| Tech College | BUS-246   | Social Media (Dual-Credit)                              |
| Tech College | BUS-256   | Ethical Decision Making (Dual-Credit)                   |
| Tech College | ECON-105  | Leadership in the Global Workplace (Dual-Credit)        |
| BOR          | ECON-201  | Principles of Microeconomics (Dual-Credit)              |
| Tech College | ECON-201T | Principles of Microeconomics (Dual-Credit)              |
| Tech College | ECON-202  | Principles of Macroeconomics (Dual-Credit)              |
| BOR          | ECON-202  | Principles of Macroeconomics (Dual-Credit)              |
| Tech College | ECON-202T | Principles of Macroeconomics (Dual-Credit)              |
| Tech College | ENT-102   | Intro to Business Planning (Dual-Credit)                |
| Tech College | ENT-100   | Entrepreneurship Essentials (Dual-Credit)               |
|              |           |   |

|              |          | Approved Dual Credit For  |
|--------------|----------|---|
|              | <u>I</u> | he Education and Training Cluster   |
| BOR          | AIS-211  | SD American Indian Culture & Ed (Dual-Credit)                             |
| Tech College | BSA-212  | Training and Development (Dual-Credit)                                    |
| BOR          | EPSY-210 | Lifespan Development (Dual-Credit)  |
| BOR          | HDFS-141 | Individual and the Family (Dual-Credit)                                   |
| BOR          | HDFS-210 | Lifespan Development (Dual-Credit)  |
| Tech College | HST-141  | Children with Special Needs (Dual-Credit)                                 |
| Tech College | LIBR-100 | Introduction to Library Services (Dual-Credit)                            |
| Tech College | LIBR-102 | Introduction to Library Circulation (Dual-Credit)                         |
| Tech College | LIBR-104 | Public Services For Library Technic (Dual-Credit)                         |
| Tech College | LIBR-120 | Programming and Services for all Ag (Dual-Credit)                         |
| Tech College | LIBR-122 | Children's And Young Adult Literature (Dual-Credit)                       |
| Tech College | LIBR-200 | Introduction to Technical Services: (Dual-Credit)                         |
| Tech College | LIBR-202 | Content Creation and Mobile Library (Dual-Credit)                         |
| Tech College | LIBR-204 | Selection and Access Resources (Dual-Credit)                              |
| Tech College | LIBR-220 | Introduction to Cataloging and Class (Dual-Credit)                        |
| Tech College | LIBR-222 | Reference Resources (Dual-Credit)   |
| Tech College | LIBR-224 | Technology Information Resources & Online Social Networking (Dual-Credit) |
| Tech College | LIBR-299 | Internship (Dual-Credit)  |
| BOR          | PSYC-221 | Lifespan Developmental Psychology (Dual-Credit)                           |
| Tech College | SLPA-101 | Intro to SLPA (Dual-Credit)   |

|              |          | Approved Dual Credit For                              |
|--------------|----------|---|
|              |          | The Finance Cluster                                   |
| Tech College | ACCT-281 | Ethics in Accounting and Business (Dual-Credit)       |
| Tech College | BUS-276  | Principles of Mortgage Lending (Dual-Credit)          |
| Tech College | BUS-100  | Personal Finance (Dual-Credit)                        |
| Tech College | BUS-175  | Records Management (Dual-Credit)                      |
| Tech College | BUS-200  | Principles of Banking (Dual-Credit)                   |
| Tech College | BUS-209  | Life and Health Insurance (Dual-Credit)               |
| Tech College | BUS-216  | Spreadsheet Concepts & Applications (Dual-Credit)     |
| Tech College | BUS-219  | Consumer Lending (Dual-Credit) - STI                  |
| Tech College | BUS-219  | Fundamentals of Lending I (Dual-Credit) - LATI        |
| Tech College | BUS-220  | Personal Finance (Dual-Credit)                        |
| Tech College | BUS-222  | Fundamentals of Lending II (Dual-Credit)              |
| Tech College | BUS-224  | Personal Finance (Dual-Credit)                        |
| Tech College | BUS-226  | Wealth Management (Dual-Credit)                       |
| Tech College | BUS-228  | Personal Investments (Dual-Credit)                    |
| Tech College | BUS-235  | Principles of Investments (Dual-Credit)               |
| Tech College | BUS-236  | Financial Management (Dual-Credit)                    |
| Tech College | BUS-241  | Ag Lending (Dual-Credit) - LATI                       |
| Tech College | BUS-295  | Financial Services Internship (Dual-Credit)           |
| Tech College | INS-205  | Introduction to Claims and Underwriting (Dual-Credit) |
| Tech College | INS-215  | Fundamentals of Insurance (Dual-Credit)               |
| Tech College | INS-220  | Property and Casualty Insurance (Dual-Credit)         |
| Tech College | INS-225  | Sales Agency Management (Dual-Credit)                 |
| Tech College | INS-295  | Insurance Internship (Dual-Credit)                    |

|     |          | Approved Dual Credit for                |  |
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|     | The (    | Government and Public Affairs Cluster   |  |
| BOR | POLS-102 | American Political Issues (Dual-Credit) |  |
| BOR | POLS-165 | Political Ideologies (Dual-Credit)      |  |
| BOR | POLS-210 | State Local Government (Dual-Credit)    |  |

|              |          | Approved Dual Credit for                                      |
|--------------|----------|---|
|              |          | The Health Science Cluster                                    |
| Tech College | AED-100  | Automated External Defibrillator (Dual-Credit)                |
| Tech College | CNA-101  | Certified Nursing Assistant Theory (Dual-Credit)              |
| Tech College | CNA-103  | Certified Nursing Assistant Theory and Clinical (Dual-Credit) |
| Tech College | CPR-100  | First Aid CPR & AED (Dual-Credit)                             |
| Tech College | CPR-112  | Basic Life Support For Healthcare Workers (Dual-Credit)       |
| Tech College | EMT-100  | Emergency Medical Technician (Dual-Credit)                    |
| Tech College | EMS-101  | Emergency Medical Technician (Dual-Credit)                    |
| Tech College | EMS-120  | Emergency Medical Responder (Dual-Credit)                     |
| Tech College | EMT-105  | Emergency Medical Technician (Dual-Credit)                    |
| Tech College | EMT-105L | Emergency Medical Technician Lab (Dual-Credit)                |
| Tech College | FFP-105  | Paramedic Preparatory II (Dual-Credit)                        |
| Tech College | FFP-110  | Paramedic Assessment (Dual-Credit)                            |
| Tech College | FFP-115  | Paramedic Cardiology (Dual-Credit)                            |
| Tech College | FFP-120  | Paramedic Preparatory I (Dual-Credit)                         |
| Tech College | FFP-125  | Paramedic Medical (Dual-Credit)                               |
| Tech College | FFP-130  | Paramedic Special Operations I (Dual-Credit)                  |
| Tech College | FFP-215  | Paramedic Special Operations II (Dual-Credit)                 |
| Tech College | HAZ-100  | Hazardous Materials Safety (Dual-Credit)                      |
| Tech College | HC-100   | First Aid/CPR (Dual-Credit)                                   |
| Tech College | HC-102   | Math for Medications (Dual-Credit)                            |
| Tech College | HC-104   | Multidisciplinary Health Team (Dual-Credit)                   |
| Tech College | HC-105   | Introduction to Electroneuro diagnostics (Dual-Credit)        |
| Tech College | HC-106   | CNA Accelerated (Dual-Credit)                                 |
| Tech College | HC-106L  | CNA Accelerated Lab (Dual-Credit)                             |
| Tech College | HC-106S  | CNA Clinical (Dual-Credit)                                    |
| Tech College | HC-110   | Basic Anatomy (Dual-Credit)                                   |
| Tech College | HC-113   | Medical Terminology (Dual-Credit)                             |
| Tech College | HC-114   | Health Care/Human Relations (Dual-Credit) - STI               |
| Tech College | HC-114   | Anatomy & Physiology for the Health (Dual-Credit) - WDT       |
| Tech College | HC-115   | Basic Electricity for Health Care (Dual-Credit)               |
| Tech College | HC-117   | Medical Language (Dual-Credit)                                |
| Tech College | HC-118   | Applied Anatomy/Physiology (Dual-Credit)                      |
| Tech College | HC-118L  | Applied Anatomy/Physiology                                    |
| Tech College | HC-119   | Anatomy/Physiology (Dual-Credit)                              |
| Tech College | HC-119L  | Anat Phys lab (Dual-Credit)                                   |
| Tech College | HC-121   | Patient Care Techniques I (Dual-Credit)                       |
| Tech College | HC-121L  | Patient Care (Dual-Credit)                                    |
| Tech College | HC-123   | Health and Wellness (Dual-Credit)                             |
| Tech College | HC-124   | Basic Pharmacology (Dual-Credit)                              |
| Tech College | HC-125   | Introduction to Patient Care (Dual-Credit)                    |

| Tech College | HC-126    | Introduction to Patient Care Lab (Dual-Credit)            |
|--------------|-----------|---|
| Tech College | HC-127    | Electronic Health Record (Dual-Credit)                    |
| Tech College | HC-130    | Medical Computerized Office Applica (Dual-Credit)         |
| Tech College | HC-135    | Medical Law and Ethics (Dual-Credit)                      |
| Tech College | HC-145    | Electronic Health Records (Dual-Credit)                   |
| Tech College | HC-200    | Pharmacology for Healthcare (Dual-Credit)                 |
| Tech College | HC-205    | Professionalism in Healthcare (Dual-Credit)               |
| Tech College | HC-213    | Medical Terminology I (Dual-Credit)                       |
| Tech College | HC-215    | Medical Terminology II (Dual-Credit)                      |
| Tech College | HC-221    | Patient Care Techniques II (Dual-Credit)                  |
| Tech College | HC-225    | Pathophysiology (Dual-Credit)                             |
| Tech College | HIS-101   | Introduction to Health Information Services (Dual-Credit) |
| Tech College | HIS-119   | Computerized Health Systems (Dual-Credit)                 |
| Tech College | HIS-121   | Insurance/Billing/Coding (Dual-Credit)                    |
| Tech College | HS-101    | Medical Terminology (Dual-Credit)                         |
| Tech College | HS-103    | Anatomy/Physiology (Dual-Credit)                          |
| Tech College | HS-162    | Medical Law & Ethics (Dual-Credit)                        |
| Tech College | MA-101    | Medical Terminology (Dual-Credit)                         |
| Tech College | MA-103    | Anatomy/Physiology (Dual-Credit)                          |
| Tech College | MA-115    | Medical Terminology (Dual-Credit)                         |
| Tech College | MA-162    | Medical Law and Ethics (Dual-Credit)                      |
| Tech College | MDS-210   | Healthcare Coding I (Dual-Credit)                         |
| Tech College | MDS-211   | Healthcare Coding II (Dual-Credit)                        |
| Tech College | MDS-212   | Healthcare Fundamentals & Reimbursement (Dual-Credit)     |
| Tech College | MDS-250   | Advanced Coding (Dual-Credit)                             |
| Tech College | MED-105   | Intro to Health Professions (Dual-Credit)                 |
| Tech College | ML-144    | Intro to Laboratory Chemistry                             |
| Tech College | MLT-101   | Intro to Medical Laboratory (Dual-Credit)                 |
| Tech College | MOP-130   | Computers in the Medical Office (Dual-Credit)             |
| Tech College | MTS-102   | Medical Transcription I (Dual-Credit)                     |
| Tech College | MTS-124   | Disease Processes I (Dual-Credit)                         |
| Tech College | MTS-214   | Disease Processes II (Dual-Credit)                        |
| Tech College | PH-103    | Phlebotomy Principles and Practices (Dual-Credit)         |
| Tech College | PH-104    | Phlebotomy Principles and Practices (Dual-Credit)         |
| Tech College | PH-110    | Introduction to Lab Methods (Dual-Credit)                 |
| Tech College | PH-111    | Introduction to Lab Methods Lab (Dual-Credit)             |
| _            |           | Phlebotomy Prin. and Practices                            |
| Tech College | PH-125    | Lab (Dual-Credit)   |
| Tech College | PHGY-210T | Human Physiology (Dual-Credit)                            |
| Tech College | PHRM-100  | Math for Pharmacy I (Dual-Credit)                         |
| Tech College | PHRM-110  | Pharmacology I (Dual-Credit)                              |
| Tech College | PHRM-113  | Pharmacy Principles and Practices I (Dual-Credit)         |
| Tech College | PHRM-113L | Pharmacy Principles & Practices I Lab (Dual-Credit)       |

| Tech College | PTA-100  | Introduction to Physical Therapist Assisting (Dual-Credit) |
|--------------|----------|--|
| Tech College | PTA-106  | Kinesiology (Dual-Credit)                                  |
| Tech College | PTA-110  | Fundamentals of Physical Therapist Assisting (Dual-Credit) |
| Tech College | PTA-116  | Ethics and Issues in Physical Therapy (Dual-Credit)        |
| Tech College | PTA-120  | Observation and Measurement (Dual-Credit)                  |
| Tech College | PTA-125  | Physical Agents and Massage (Dual-Credit)                  |
| Tech College | PTA-136  | Electrotherapy (Dual-Credit)                               |
| Tech College | PTA-145  | Theories of Therapeutic Exercise (Dual-Credit)             |
| Tech College | PTA-150  | Pathology for the PTA (Dual-Credit)                        |
| Tech College | PTA-216  | Applications in Therapeutic Exercise (Dual-Credit)         |
| Tech College | PTA-220  | Musculoskeletal Disorder/Treatment (Dual-Credit)           |
| Tech College | PTA-228  | Neuroanatomy/Neurological Dysfunction (Dual-Credit)        |
| Tech College | PTA-229  | Human Development Pediatric Disorders (Dual-Credit)        |
| Tech College | PTA-231  | Special Topics (Dual-Credit)                               |
| Tech College | PTA-241  | Clinical Affiliation I (4 weeks) (Dual-Credit)             |
| Tech College | PTA-242  | Rehabilitation Procedures (Dual-Credit)                    |
| Tech College | PTA-245  | Clinical Affiliation II (6 Weeks) (Dual-Credit)            |
| Tech College | PTA-250  | Clinical Affiliation III (6 Weeks) (Dual-Credit)           |
| Tech College | SLPA-104 | Anatomy & Physiology of Speech and Hearing (Dual-Credit)   |
| Tech College | SOC-118  | Sociology in Healthcare (Dual-Credit)                      |
| Tech College | ST-102   | Introduction to Surgical Technology (Dual-Credit)          |
| Tech College | ST-111   | Introduction to Surgical Technology Lab (Dual-Credit)      |
| Tech College | ST-128   | Surgical Pharmacology (Dual-Credit)                        |
| Tech College | ST-130   | Surgical Procedures I (Dual-Credit)                        |
| Tech College | ST-131   | Principles and Practices of Surgical Technology I          |
| ·            |          |  |

| Approved Dual Credit for |            |  |  |
|--------------------------|------------|--|--|
|                          | <u> Tł</u> | ne Hospitality and Tourism Cluster         |  |
| Tech College             | BSA-104    | Tourism & Travel Economics (Dual-Credit)   |  |
| Tech College             | BSA-106    | Hotel Operations (Dual-Credit)             |  |
| Tech College             | BSA-108    | Employment Law (Dual-Credit)               |  |
| Tech College             | BSA-206    | Event Management (Dual-Credit)             |  |
| Tech College             | BSA-208    | Food and Beverage Management (Dual-Credit) |  |
| Tech College             | BSA-210    | Compensation Benefits (Dual-Credit)        |  |
| Tech College             | BSA-232    | Social Media (Dual-Credit)                 |  |
| Tech College             | BUS-210    | Supervisory Management (Dual-Credit) - WDT |  |
| Tech College             | CA-165     | Culinary Math (Dual-Credit)                |  |

|              |          | Approved Dual Credit for                            |
|--------------|----------|---|
|              |          | The Human Services Cluster                          |
| Tech College | CA-200   | Nutrition (Dual-Credit)                             |
| Tech College | CHRD-104 | Social Diversity (Dual-Credit)                      |
| Tech College | CHRD-130 | Human Development (Dual-Credit)                     |
| Tech College | ECH-101  | Introduction to Early Childhood (Dual-Credit)       |
| Tech College | ECH-105  | Understanding Diversity (Dual-Credit)               |
| Tech College | ECH-110  | Child Health/Safety/Nutrition (Dual-Credit)         |
| BOR          | EPSY-210 | Lifespan Development (Dual-Credit)                  |
| BOR          | HDFS-141 | Individual and the Family (Dual-Credit)             |
| BOR          | HDFS-210 | Lifespan Development (Dual-Credit)                  |
| Tech College | HST-101  | Orientation to Human Services (Dual-Credit)         |
| Tech College | HST-108  | Guiding Children's Behavior (Dual-Credit)           |
| Tech College | HST-114  | Literature Creativity and Imagination (Dual-Credit) |
| Tech College | HST-116  | Educare of Infants and Toddlers (Dual-Credit)       |
| Tech College | HST-117  | Medical Terminology (Dual-Credit)                   |
| Tech College | HST-119  | Group Techniques (Dual-Credit)                      |
| Tech College | HST-125  | On-the-Job Training I (Dual-Credit)                 |
| Tech College | HST-127  | Personal Care Assistant (Dual-Credit)               |
| Tech College | HST-129  | Lesson Planning Early Child Currulm (Dual-Credit)   |
| Tech College | HST-131  | Health Safety and Nutrition (Dual-Credit)           |
| Tech College | HST-132  | Sexual Offending People w/Disabilts (Dual-Credit)   |
| Tech College | HST-133  | Child Growth and Development (Dual-Credit)          |
| Tech College | HST-134  | Child Growth and Development (Dual-Credit)          |
| Tech College | HST-135  | Princ/Pract Early Childhood Ed (Dual-Credit)        |
| Tech College | HST-136  | Medication Administration (Dual-Credit)             |
| Tech College | HST-137  | Families (Dual-Credit)                              |
| Tech College | HST-139  | Death and Dying (Dual-Credit)                       |
| Tech College | HST-143  | Developmental Disabilities (Dual-Credit)            |
| Tech College | HST-149  | Behavior Support Training (Dual-Credit)             |
| Tech College | HST-156  | On-The-Job Training II (Dual-Credit)                |
| Tech College | HST-159  | Diversity Studies (Dual-Credit)                     |
| Tech College | HST-160  | Clinical Experience (Dual-Credit)                   |
| Tech College | HST-164  | Program Planning (Dual-Credit)                      |
| Tech College | HST-165  | Selected Topics (Dual-Credit)                       |
| Tech College | HST-173  | Special Topics in Human Services (Dual-Credit)      |
| Tech College | HST-176  | Casework Skills and Resources (Dual-Credit)         |
| Tech College | HST-177  | Ethics and Issues in Human Services (Dual-Credit)   |
| Tech College | HST-179  | Introduction to Criminal Justice (Dual-Credit)      |
| Tech College | HST-183  | Juvenile Delinquency (Dual-Credit)                  |
| Tech College | HST-188  | Chemical Dependency (Dual-Credit)                   |
| Tech College | HST-195  | Lifespan Development (Dual-Credit)                  |

| Tech College | HST-201  | OJT-Developmental Disabilities (Dual-Credit)    |
|--------------|----------|---|
| Tech College | HST-203  | OJT in the Mental Health Setting (Dual-Credit)  |
| BOR          | PSYC-221 | Lifespan Developmental Psychology (Dual-Credit) |
| Tech College | SLPA-105 | Speech & Language Development (Dual-Credit)     |
| Tech College | SLPA-112 | Child Growth/Development (Dual-Credit)          |
| Tech College | SOC-110  | Industrial Relations (Dual-Credit)              |

|              |          | Approved Dual Credit for  |
|--------------|----------|---|
|              | <u>T</u> | he Information Technology Cluster                               |
| Tech College | BUS-241  | Advanced Computer Applications for Business (Dual-Credit) - WDT |
| Tech College | CIS-100  | Keyboarding (Dual-Credit) - STI                                 |
| Tech College | CIS-100  | PC Maintenance (Dual-Credit) - LATI                             |
| Tech College | CIS-101  | Computer Essentials (Dual-Credit)                               |
| Tech College | CIS-102  | Windows Applications for Technician (Dual-Credit)               |
| Tech College | CIS-105T | Introduction to Computers (Dual-Credit)                         |
| Tech College | CIS-105  | Complete Computer Concepts (Dual-Credit) - MTI                  |
| Tech College | CIS-105  | Introduction to Computers (Dual-Credit) - STI                   |
| Tech College | CIS-105  | Microcomputer Software Applications (Dual-Credit) - WDT         |
| Tech College | CIS-105  | Computer Software Applications (Dual-Credit) - LATI             |
| Tech College | CIS-106  | Introduction to Computers/CIS (Dual-Credit)                     |
| Tech College | CIS-107  | Spreadsheet Concepts (Dual-Credit)                              |
| Tech College | CIS-112  | Network Electronics (Dual-Credit)                               |
| Tech College | CIS-120  | Computer Programming (Dual_Credit)                              |
| Tech College | CIS-122  | Information Technology Hardware/Software (Dual-Credit)          |
| Tech College | CIS-125  | A+ Hardware/Software (Dual-Credit) - WDT                        |
| Tech College | CIS-125  | Advanced Computer Applications (Dual-Credit)                    |
| Tech College | CIS-126  | CISCO Academy/Networking Technologies (Dual-Credit)             |
| Tech College | CIS-129  | Windows Operating Systems (Dual-Credit)                         |
| BOR          | CIS-130  | Visual Basic Programming (Dual-Credit)                          |
| Tech College | CIS-130  | Introduction to Programming (Dual-Credit) - STI                 |
| Tech College | CIS-131  | C# Programming (Dual-Credit)                                    |
| Tech College | CIS-132  | Intro to Computer Programming (Dual-Credit)                     |
| Tech College | CIS-136  | Intro to Object-Oriented Programming (Dual-Credit)              |
| Tech College | CIS-140  | Database Design and SQL (Dual-Credit)                           |
| Tech College | CIS-149  | Introduction to Java (Dual-Credit)                              |
| Tech College | CIS-151  | Microcomputer Hardware/DOS (Dual-Credit)                        |
| Tech College | CIS-160  | UNIX Operating System (Dual-Credit)                             |
| Tech College | CIS-167  | IT Essentials (Dual-Credit)                                     |
| Tech College | CIS-169  | Network and OS Fundamentals (Dual-Credit)                       |
| Tech College | CIS-170  | Web 2.0 (Dual-Credit)   |
| Tech College | CIS-171  | Introduction to Networking (Dual-Credit)                        |
| Tech College | CIS-173  | Principles of Design and Color Theory (Dual-Credit)             |
| Tech College | CIS-180  | Windows Server OS (Dual-Credit)                                 |
| Tech College | CIS-187  | Routers and WANs I (Dual-Credit)                                |
| Tech College | CIS-194  | Introduction to Databases (Dual-Credit)                         |
| Tech College | CIS-195  | Internet Programming Essentials (Dual-Credit)                   |
| Tech College | CIS-198  | Image and Animation Applications (Dual-Credit)                  |
| Tech College | CIS-200  | A+ Certification (Dual-Credit)                                  |
| Tech College | CIS-203  | Web Essentials (Dual-Credit)                                    |

| Tech College | CIS-207 | eBusiness (Dual-Credit)                                  |
|--------------|---------|--|
| Tech College | CIS-211 | Linux Operating Systems (Dual-Credit)                    |
| Tech College | CIS-211 | Networking Using Windows Server (Dual-Credit)            |
| Tech College | CIS-215 | Cyber Security/Ethical Hacking (Dual-Credit) - LATI      |
| Tech College | CIS-215 | Network Design and Virtualization (Dual-Credit) - WDT    |
| Tech College | CIS-216 | Introduction to Programming (Dual-Credit)                |
| Tech College | CIS-218 | Linux Server (Dual-Credit)                               |
| Tech College | CIS-220 | Network Security I (Dual-Credit)                         |
| Tech College | CIS-225 | Databases (Dual-Credit)                                  |
| Tech College | CIS-230 | Computer Forensics (Dual-Credit)                         |
| Tech College | CIS-232 | Advanced Visual Basic (Dual-Credit)                      |
| Tech College | CIS-235 | Network Security II (Dual-Credit) - WDT                  |
| Tech College | CIS-235 | Computer Crime Investigation (Dual-Credit) - LATI        |
| Tech College | CIS-236 | Intro to Object-Oriented Progamming (Dual-Credit) - LATI |
| Tech College | CIS-236 | Introduction to MS Web Development (Dual-Credit) - STI   |
| Tech College | CIS-238 | Adv Object Oriented Programming (Dual-Credit)            |
| Tech College | CIS-240 | Mobile App Development (Dual-Credit)                     |
| Tech College | CIS-240 | Dynamic Website Development (Dual-Credit) - STI          |
| Tech College | CIS-241 | Advanced Security Topics (Dual-Credit)                   |
| Tech College | CIS-247 | COBOL Programming (Dual-Credit)                          |
| Tech College | CIS-247 | Advanced Application Development (Dual-Credit)           |
| Tech College | CIS-249 | Advanced Object Oriented Programming (Dual-Credit)       |
| Tech College | CIS-253 | Computer Graphics (Dual-Credit)                          |
| Tech College | CIS-255 | Application Security (Dual-Credit)                       |
| Tech College | CIS-259 | Server Virtualization (Dual-Credit)                      |
| Tech College | CIS-260 | UNIX OS Administration (Dual-Credit)                     |
| Tech College | CIS-265 | Virtualization (Dual-Credit)                             |
| Tech College | CIS-266 | Web Services (Dual-Credit)                               |
| Tech College | CIS-270 | Intro to Database Programming (Dual-Credit)              |
| Tech College | CIS-272 | Client/Server Programming (Dual-Credit)                  |
| Tech College | CIS-273 | Web Applications-ASP (Dual-Credit)                       |
| BOR          | CIS-275 | Web Application Programming I (Dual-Credit)              |
| Tech College | CIS-276 | Web Applications-PHP (Dual-Credit)                       |
| Tech College | CIS-277 | Computer Systems Security (Dual-Credit)                  |
| Tech College | CIS-278 | Advanced PHP Programming (Dual-Credit)                   |
| Tech College | CIS-279 | Advanced Databases (Dual-Credit)                         |
| Tech College | CIS-280 | Windows Server Administration (Dual-Credit)              |
| Tech College | CIS-281 | Network Troubleshooting (Dual-Credit)                    |
| Tech College | CIS-283 | Internet Systems Programming (Dual-Credit)               |
| Tech College | CIS-285 | Server Security (Dual-Credit)                            |
| Tech College | CIS-286 | Information Security (Dual-Credit)                       |
| Tech College | CIS-288 | Routers and WANs II (Dual-Credit)                        |
| Tech College | CIS-290 | Systems Analysis and Design (Dual-Credit)                |

| Tech College | CIS-293  | Advanced Technologies (Dual-Credit)               |
|--------------|----------|---|
| Tech College | CIS-296  | Microsoft Web Development (Dual-Credit)           |
| Tech College | CSC-100  | Computer Concepts (Dual-Credit)                   |
| Tech College | CSC-102  | Windows Applications for Technician (Dual-Credit) |
| BOR          | CSC-105  | Introduction to Computers (Dual-Credit)           |
| BOR          | CSC-134  | Introduction to Cyber Operations (Dual-Credit)    |
| Tech College | CSC-105T | Introduction to Computers (Dual-Credit)           |
| BOR          | CSC-150  | Computer Science I (Dual-Credit)                  |
| BOR          | CSC-163  | Hardware Virtualization & Data Comm (Dual-Credit) |
| BOR          | CSC-285  | Networking I (Dual-Credit)                        |
| Tech College | EC-167   | IT Essentials (Dual-Credit)                       |
| Tech College | ELT-217  | Computer Hardware Installation & Tr (Dual-Credit) |
| BOR          | INFO-101 | Introduction to Informatics (Dual-Credit)         |
| Tech College | IST-120  | A+ Hardware Operating Systems (Dual-Credit)       |
| Tech College | IST-125  | A+ Certification Prep (Dual-Credit)               |
| Tech College | IST-140  | Cisco CCNA I (Dual-Credit)                        |
| Tech College | IST-141  | Cisco CCNA II (Dual-Credit)                       |
| Tech College | IST-156  | Information Security I (Dual-Credit)              |
| Tech College | IST-159  | LINUX Systems (Dual-Credit)                       |
| BOR          | MIS-150  | Computer Science I (Dual-Credit)                  |
| BOR          | MIS-205  | Advanced Computer Applications                    |
| Tech College | NET-115  | Introduction to Networks (Dual-Credit)            |
| Tech College | NET-121  | Routing and Switching Essentials (Dual-Credit)    |
| Tech College | PTS-101  | Intro to GPS/GIS (Dual-Credit)                    |
| Tech College | PTS-102  | Principles of GPS/GIS (Dual-Credit)               |
| Tech College | WBT-100  | Intro Broadband (Dual-Credit)                     |

|              |           | Approved Dual Credit for                                |
|--------------|-----------|---|
|              | 1         | he Law and Public Safety Cluster                        |
| Tech College | CJUS-115  | Const. Law for Law Enforcement (Dual-Credit)            |
| Tech College | CJUS-119  | Criminal Law and Procedures (Dual-Credit)               |
| Tech College | CJUS-121  | Criminal Investigations (Dual-Credit)                   |
| Tech College | CJUS-124  | Juvenile Methods (Dual-Credit)                          |
| Tech College | CJUS-200  | Community Corrections (Dual-Credit)                     |
| BOR          | CJUS-201  | Introduction to Criminal Justice (Dual-Credit)          |
| Tech College | CJUS-201  | Introduction to Criminal Justice (Dual-Credit)          |
| Tech College | CJUS-201T | Introduction to Criminal Justice (Dual-Credit)          |
| Tech College | CJUS-205  | Criminal Justice Forensics (Dual-Credit)                |
| Tech College | CJUS-210  | Contemporary Security Practices (Dual-Credit)           |
| Tech College | CJUS-215  | Ethics in Criminal Justice (Dual-Credit)                |
| Tech College | CJUS-220  | Terrorism and Counterterrorism (Dual-Credit)            |
| Tech College | CJUS-225  | Domestic Violence (Dual-Credit)                         |
| Tech College | CJUS-235  | Criminology (Dual-Credit)                               |
| Tech College | CJUS-240  | Court Systems and Practices (Dual-Credit)               |
| Tech College | CJUS-245  | Law Enforcement Operations and Procedures (Dual-Credit) |
| Tech College | FFT-121   | Structural Firefighter I (Dual-Credit)                  |
| Tech College | FFT-122   | Structural Firefighter I Lab (Dual-Credit)              |
| Tech College | FFT-123   | Introduction to Wildland Firefighter (Dual-Credit)      |
| Tech College | FFT-140   | Physical Fitness I (Dual-Credit)                        |
| Tech College | FFT-150   | Pumping Apparatus Driver-Operator (Dual-Credit)         |
| Tech College | FFT-151   | Wildland Pumps and Saws (Dual-Credit)                   |
| Tech College | FFT-190   | Physical Fitness II (Dual-Credit)                       |
| Tech College | FFT-215   | Wildland/Urban Interface Fire Suppr (Dual-Credit)       |
| Tech College | FFT-218   | Strategy and Tactics (Dual-Credit)                      |
| Tech College | FFT-232   | Structural Firefighter II (Dual-Credit)                 |
| Tech College | FFT-233   | Fire Causes & Investigations (Dual-Credit)              |
| Tech College | FFT-234   | Rescue Practices for the Fire Service (Dual-Credit)     |
| Tech College | FFT-240   | Physical Fitness III (Dual-Credit)                      |
| Tech College | FFT-290   | Physical Fitness IV (Dual-Credit)                       |
| Tech College | LE-105    | Introduction to Law Enforcement (Dual-Credit)           |
| Tech College | LE-107    | Multiculturalism (Dual-Credit)                          |
| Tech College | LET-106   | Law Enforcement Medical Responder (Dual-Credit)         |
| Tech College | LET-119   | Criminal Law and Procedures (Dual-Credit)               |
| Tech College | LET-121   | Criminal Investigations (Dual-Credit)                   |
| Tech College | LET-122   | Interview and Interrogation and Rep (Dual-Credit)       |
| Tech College | LET-124   | Juvenile Methods (Dual-Credit)                          |
| Tech College | LET-126   | Physical Training (Dual-Credit)                         |
| Tech College | LET-128   | Mechanics of Arrest & Physical Train (Dual-Credit)      |
| Tech College | LET-210   | Introduction to Criminal Justice (Dual-Credit)          |

| Tech College | LET-213  | Criminology and Abnormal Behavior (Dual-Credit)      |
|--------------|----------|--|
| Tech College | LET-216  | Physical Training (Dual-Credit)                      |
| Tech College | LET-218  | Patrol Procedures I (Dual-Credit)                    |
|              | LET-218  |  |
| Tech College |          | Advanced Issues In Policing (Dual-Credit)            |
| Tech College | LET-226  | Physical Training (Dual-Credit)                      |
| Tech College | LET-229  | Corrections (Dual-Credit)                            |
| Tech College | LET-240  | Constitutional Law for Law Enforcement (Dual-Credit) |
| BOR          | PHIL-220 | Introduction to Ethics (Dual-Credit)                 |
| BOR          | PHIL-240 | Introduction to Ethics Law and Society (Dual-Credit) |
| Tech College | PLL-111  | Introduction to Paralegalism (Dual-Credit)           |
| Tech College | PLL-123  | Real Property (Dual-Credit)                          |
| Tech College | PLL-124  | Criminal Law (Dual-Credit)                           |
| Tech College | PLL-125  | Torts (Dual-Credit)                                  |
| Tech College | PLL-126  | Contracts (Dual-Credit)                              |
| Tech College | PLL-132  | Legal Research and Writing I (Dual-Credit)           |
| Tech College | PLL-133  | Legal Research and Writing II (Dual-Credit)          |
| Tech College | PLL-150  | Wills Trusts and Estates (Dual-Credit)               |
| Tech College | PLL-211  | American Legal System & Constitution (Dual-Credit)   |
| Tech College | PLL-212  | Litigation and Civil Procedures (Dual-Credit)        |
| Tech College | PLL-215  | Law of Business Organizations (Dual-Credit)          |
| Tech College | PLL-220  | Law Office Procedure (Dual-Credit)                   |
| Tech College | PLL-232  | Litigation Clinic I (Dual-Credit)                    |
| Tech College | PLL-233  | Litigation Clinic II (Dual-Credit)                   |
| Tech College | PLL-235  | Family Law (Dual-Credit)                             |
| BOR          | POLS-201 | Intro to Criminal Justice (Dual-Credit)              |
| BOR          | POLS-210 | State Local Government (Dual-Credit)                 |
| BOR          | SOC-201  | Introduction to Criminal Justice (Dual-Credit)       |

| Approved Dual Credit for |         |  |
|--------------------------|---------|--|
|                          |         | The Marketing Cluster                            |
| Tech College             | AGT-160 | Commodity Marketing I (Dual-Credit)              |
| Tech College             | AOS-261 | Social Media Marketing (Dual-Credit)             |
| Tech College             | BUS-250 | Social Media Marketing Campaign (Dual-Credit)    |
| Tech College             | BUS-120 | Principles of Marketing (Dual-Credit)            |
| Tech College             | BUS-150 | Advertising (Dual-Credit)                        |
| Tech College             | BUS-158 | Web Design for Business (Dual-Credit)            |
| Tech College             | BUS-160 | Principles of Selling (Dual-Credit)              |
| Tech College             | BUS-162 | Retailing (Dual-Credit)                          |
| Tech College             | BUS-204 | Customer Service (Dual-Credit)                   |
| Tech College             | BUS-205 | Social Media Marketing (Dual-Credit)             |
| Tech College             | BUS-215 | Search Engine Marketing (Dual-Credit) - WDT      |
| Tech College             | BUS-227 | Writing for Social Media Marketing (Dual-Credit) |
| Tech College             | MKT-120 | Principles of Marketing (Dual-Credit)            |
| Tech College             | MKT-130 | InDesign Essentials (Dual-Credit)                |
| Tech College             | MKT-140 | Photoshop Essentials (Dual-Credit)               |
| Tech College             | MKT-145 | Photoshop/Illustrator Essentials (Dual-Credit)   |
| Tech College             | MKT-150 | Illustrator Essentials (Dual-Credit)             |
| Tech College             | MKT-160 | Principles of Selling (Dual-Credit)              |
| Tech College             | MKT-210 | Professional Sales (Dual-Credit)                 |
| Tech College             | MKT-220 | Advertising (Dual-Credit)                        |
| Tech College             | MKT-230 | Consumer Behavior (Dual-Credit)                  |
| Tech College             | MKT-235 | Public Relations (Dual-Credit)                   |
| Tech College             | MKT-240 | Market Research (Dual-Credit)                    |
| Tech College             | MKT-270 | Marketing Management (Dual-Credit)               |
| Tech College             | MKT-285 | Social Media (Dual-Credit)                       |
| Tech College             | MKT-290 | Marketing Internship (Dual-Credit)               |

|              |          | Approved Dual Credit for   |
|--------------|----------|--|
|              |          | The Manufacturing Cluster  |
| Tech College | BC-162   | Post Frame (Dual-Credit)   |
| Tech College | BC-282   | Welding (Dual-Credit)  |
| Tech College | FFT-116  | Hazardous Materials Operations (Dual-Credit)                         |
| Tech College | IEL-123  | Industrial Data Communication (Dual-Credit)                          |
| Tech College | IEL-140  | Welding & Fabrication for Light Com (Dual-Credit)                    |
| Tech College | IEL-211  | Electrical Motor Control (Dual-Credit)                               |
| Tech College | IEL-216  | Electrical Motor Control Lab (Dual-Credit)                           |
| Tech College | IEL-223  | Electrical Motor Lab (Dual-Credit)                                   |
| Tech College | IEL-226  | Electrical Motor Fundamentals and M (Dual-Credit)                    |
| Tech College | IMT-104  | Welding Metal Work (Dual-Credit)                                     |
| Tech College | MACH-110 | Machine Shop Operations (Dual-Credit)                                |
| Tech College | MACH-115 | Turning Theory and Operations I (Dual-Credit)                        |
| Tech College | MACH-120 | Milling Theory and Operations I (Dual-Credit)                        |
| Tech College | MACH-125 | Mechanical Blueprint Reading (Dual-Credit)                           |
| Tech College | MACH-130 | Materials Applications (Dual-Credit)                                 |
| Tech College | MACH-135 | Turning Theory and Operations II (Dual-Credit)                       |
| Tech College | MACH-140 | Milling Theory and Operations II (Dual-Credit)                       |
| Tech College | MACH-145 | Applied Computer Aided Drafting Fund (Dual-Credit)                   |
| Tech College | OSHA-100 | OSHA 10 Training (Dual-Credit)                                       |
| Tech College | OSHA-101 | OSHA 10 Training - General (Dual-Credit)                             |
| Tech College | PM-101   | Machine Tool Theory (Dual-Credit)                                    |
| Tech College | PM-110   | Precision Measuring (Dual-Credit)                                    |
| Tech College | PM-117   | Applied Trigonometry (Dual-Credit)                                   |
| Tech College | PM-118   | Turning/Milling Theory (Dual-Credit)                                 |
| Tech College | PM-129   | Lathe and Mill Operations (Dual-Credit)                              |
| Tech College | PM-131   | Lathe and Mill Operations I (Dual-Credit)                            |
| Tech College | PM-133   | Lathe and Mill Operations II (Dual-Credit)                           |
| Tech College | PM-134   | Machine Tool Lab (Dual-Credit)                                       |
| Tech College | PM-138   | Lathe and Mill Operations   with Lab (Dual-Credit)                   |
| Tech College | PM-139   | Lathe and Mill Operations II with Lab (Dual-Credit)                  |
| Tech College | PM-152   | Advanced Lathe and Mill Theory (Dual-Credit)                         |
| Tech College | PM-158   | Advanced Lathe and Mill Operations (Dual-Credit)                     |
| Tech College | PM-160   | Advanced Lathe and Mill Operations (Dual-Credit)                     |
| Tech College | PM-162   | Advanced Lathe and Mill Operations II (Dual-Credit)                  |
| Tech College | PM-167   | Intro to Computer Numerical Control (CNC) (Dual-Credit)              |
| Tech College | PM-168   | Precision Grinding (Dual-Credit)                                     |
| Tech College | PM-172   | Fryer Computer Numerical Control (CNC) Turning Ctr (Dual-Credit)     |
| Tech College | PM-185   | Miltronics Computer Numerical Control (CNC) Operations (Dual-Credit) |
| Tech College | PM-200   | Precision Grinding Theory (Dual-Credit)                              |
| Tech College | PM-202   | Precision Grinding Lap (Dual-Credit)                                 |

| DN4 204 | Latha Timaina Cantan (Dual Condit)  |
|---------|---|
|         | Lathe Turning Center (Dual-Credit)  |
|         | Lathe Turning Center Lab (Dual-Credit)  |
|         | Advanced Computer Numerical Control (CNC) Theory I (Dual-Credit)  |
|         | Advanced Computer Numerical Control (CNC) Operations (Dual-Credit)  |
|         | Electrical Discharge Machines Theory (Dual-Credit)  |
| PM-211  | Electrical Discharge Machines Lab (Dual-Credit)   |
| PM-212  | CAD CAM (Dual-Credit)   |
| PM-213  | Advanced Electrical Discharge Machines Theory (Dual-Credit)   |
| PM-215  | Advanced Electrical Discharge Machines Lab (Dual-Credit)  |
| PM-217  | Intro to Electrical Discharge Machines (Dual-Credit)  |
| PM-218  | Advanced Electrical Discharge Machines (Dual-Credit)  |
| PM-221  | Fixture Making Theory (Dual-Credit)   |
| PM-222  | Fixture-Making Applications (Dual-Credit)   |
| PM-226  | Die-Making Theory (Dual-Credit)   |
| PM-227  | Die-Making Lab (Dual-Credit)  |
| PM-228  | Introduction to Precision Tool (Dual-Credit)  |
| PM-261  | Basic Molding Processes (Dual-Credit)   |
| PM-267  | Basic Molding Operations (Dual-Credit)  |
| PM-272  | Advanced CNC Theory (Dual-Credit)   |
| PM-274  | Advanced CNC Operations (Dual-Credit)   |
| PM-277  | Precision Machining Project (Dual-Credit)   |
| PM-236  | Coordinate Measuring Machine (Dual-Credit)  |
| TT- 215 | Hydraulics (Dual-Credit)  |
| TTT-129 | Welding & Equipment (Dual-Credit)   |
| WDM-100 | Welding and Fab for General Applications (Dual-Credit)  |
| WDM-102 | Shielded Metal Arc Welding I (Dual-Credit)  |
| WDM-103 | Gas Metal Arc Welding I (Dual-Credit)   |
| WDM-104 | Fabrication I (Dual-Credit)   |
| WDM-105 | Oxy Fuel Welding/Cutting (Dual-Credit)  |
| WDM-150 | Shielded Metal Arc Welding II (Dual-Credit)   |
| WDM-151 | Gas Metal Arc Welding II (Dual-Credit)  |
| WDM-152 | Fabrication II (Dual-Credit)  |
| WDM-153 | Gas Tungsten Arc Welding I (Dual-Credit)  |
| WDM-201 | Gas Tungsten Arc Welding II (Dual-Credit)   |
| WDM-202 | Fabrication III (Dual-Credit)   |
| WDM-203 | Gas Metal Arc Welding III (Dual-Credit)   |
| WDM-204 | Shielded Metal Arc Welding III (Dual-Credit)  |
| WDM-252 | Fabrication IV (Dual-Credit)  |
| WDM-253 | Gas Metal Arc Welding IV (Dual-Credit)  |
| WDM-254 | Shielded Metal Arc Welding IV (Dual-Credit)   |
| WLD-101 | Welding Theory I (Dual-Credit)  |
|         | Welding Theory I Lab (Dual-Credit)  |
| WLD-102 | Basic Welding (Dual-Credit)   |
|         | PM-213 PM-215 PM-217 PM-218 PM-221 PM-222 PM-226 PM-227 PM-228 PM-261 PM-267 PM-272 PM-274 PM-277 PM-236 TT- 215 TTT-129 WDM-100 WDM-102 WDM-103 WDM-104 WDM-105 WDM-150 WDM-151 WDM-151 WDM-152 WDM-153 WDM-201 WDM-202 WDM-203 WDM-204 WDM-203 WDM-204 WDM-252 WDM-253 WDM-254 WLD-101 WLD-101L |

| Tech College | WLD-103  | Welding Processes I (Dual-Credit)                     |
|--------------|----------|---|
| Tech College | WLD-103L | Welding Processes I Lab (Dual-Credit)                 |
| Tech College | WLD-105  | Oxyacetylene Safety (Dual-Credit)                     |
| Tech College | WLD-110  | Proper Use of the Cutting Torch (Dual-Credit)         |
| Tech College | WLD-111  | Shop Orientation Maintenance and Safety (Dual-Credit) |
| Tech College | WLD-113  | Shielded Metal Arc Welding I (Dual-Credit)            |
| Tech College | WLD-114  | Ferrous Metallurgy (Dual-Credit)                      |
| Tech College | WLD-115  | Shielded Matal Arc Welding II (Dual-Credit)           |
| Tech College | WLD-120  | Metal Fabrication (Dual-Credit)                       |
| Tech College | WLD-123  | Gas Metal Arc Welding I (Dual-Credit)                 |
| Tech College | WLD-140  | Flux-Cored ARC Welding (Dual-Credit)                  |
| Tech College | WLD-141  | Gas Metal Arc Welding A (Dual-Credit)                 |
| Tech College | WLD-143  | Gas Metal Arc Welding B (Dual-Credit)                 |
| Tech College | WLD-145  | Gas Metal Arc Welding C (Dual-Credit)                 |
| Tech College | WLD-147  | Gas Metal Arc Welding D (Dual-Credit)                 |
| Tech College | WLD-151  | Shop Math (Dual-Credit)                               |
| Tech College | WLD-161  | Gas Tungsten Arc Welding (Dual-Credit)                |
| Tech College | WMT-112  | Safety AWS Certification (Dual-Credit)                |
| Tech College | WMT-117  | Crane and Forklift Operation (Dual-Credit)            |
| Tech College | WMT-120  | Manufacturing Symbols & Measurements (Dual-Credit)    |
| Tech College | WMT-121  | Blueprint Reading (Dual-Credit)                       |
| Tech College | WMT-149  | Basic Welding Lab (Dual-Credit)                       |
| Tech College | WMT-132  | Metallurgy (Dual-Credit)                              |
| Tech College | WMT-142  | Welding Economics (Dual-Credit)                       |
| Tech College | WMT-150  | Welding Lab I (Dual-Credit)                           |
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|              |          | Approved Dual Credit for                              |
|--------------|----------|---|
|              |          | The STEM Cluster                                      |
| Tech College | DM-116   | Basic Electrical Theory (Dual-Credit)                 |
| Tech College | DM-117   | Basic Electrical Lab (Dual-Credit)                    |
| Tech College | DT-101   | Engineering Drawing (Dual-Credit)                     |
| Tech College | DT-102   | Print Reading for Construction (Dual-Credit)          |
| Tech College | EC-100   | Basic Telephony (Dual-Credit)                         |
| Tech College | EC-105   | Transmission Media (Dual-Credit)                      |
| Tech College | EC-112   | Electronics Theory (Dual-Credit)                      |
| Tech College | EC-120   | Television/Head End Technology (Dual-Credit)          |
| Tech College | EC-121   | DC/AC Circuit (Dual-Credit)                           |
| Tech College | EC-130   | Networking Essentials (Dual-Credit)                   |
| Tech College | EC-138   | CCNA I: Intro to Networking (Dual-Credit)             |
| Tech College | EC-142   | Industrial Power Electronics (Dual-Credit)            |
| Tech College | EC-151   | Electronics Laboratory I (Dual-Credit)                |
| Tech College | EC-157   | Electronics Laboratory II (Dual-Credit)               |
| Tech College | EC-162   | Electronics Math & Digital (Dual Credit)              |
| Tech College | EC-210   | Intro to VoIP (Dual-Credit)                           |
| Tech College | ECM-101  | Electrical Fundamentals (Dual-Credit)                 |
| Tech College | ECM-103  | Designing Electrical Systems (Dual-Credit)            |
| Tech College | ECM-121  | Electrical Drawing (Dual-Credit)                      |
| Tech College | ECM-122  | Residential Blueprint Code (Dual-Credit)              |
| Tech College | ECM-149  | Basic Conduit Bending (Dual-Credit)                   |
| Tech College | ECM-151  | Basic Electrical Lab (Dual-Credit)                    |
| Tech College | ECM-157  | Wiring Lab (Dual-Credit)                              |
| BOR          | ENGL-277 | Technical Writing in Engineering (Dual-Credit)        |
| BOR          | ENGL-279 | Technical Communications I (Dual-Credit)              |
| Tech College | EO-103   | Fundamentals of Energy Operations (Dual-Credit)       |
| Tech College | EST-103  | DC Electronics (Dual-Credit)                          |
| Tech College | EST-109  | AC Electotronics (Dual-Credit)                        |
| Tech College | ET-100   | Introduction to Electronic/Mechatronics (Dual-Credit) |
| Tech College | ET-114   | Electronic Concepts I (Dual-Credit)                   |
| Tech College | ET-116   | DC/AC Electronics Lab (Dual-Credit)                   |
| Tech College | ET-128   | Technical Physics (Dual-Credit)                       |
| Tech College | FLT-102  | Intro to sUAS (Dual-Credit)                           |
| Tech College | FLT-132  | Advanced sUAS (Dual-Credit)                           |
| Tech College | MAP-101  | Introduction to GIS (Dual-Credit)                     |
| Tech College | MAP-105  | GPS Data Collection & Mgt (Dual-Credit)               |
| Tech College | MAP-110  | CAD I (Dual-Credit)                                   |
| Tech College | MAP-120  | CAD II (Dual-Credit)                                  |
| Tech College | MAP-121  | Cloud-based GPX (Dual-Credit)                         |
| Tech College | MAP-125  | GIS Problems Analysis (Dual-Credit)                   |

| Tech College | MAP-128 | Remote Sensing (Dual-Credit)                    |
|--------------|---------|---|
| Tech College | MCT-122 | Materials and Methods (DC)                      |
| Tech College | PL-111  | Characteristics of DC/AV (Dual-Credit)          |
| Tech College | PL-120  | Transformer Connections (Dual-Credit)           |
| Tech College | PL-141  | Power Grid Design (Dual-Credit)                 |
| Tech College | PL-143  | Power Grid Design II (Dual-Credit)              |
| Tech College | PL-150  | Field Training (Dual-Credit)                    |
| Tech College | PL-151  | Construction of Underground Lines (Dual-Credit) |
| Tech College | PL-152  | Construction of Overheadlines (Dual-Credit)     |
| Tech College | PL-154  | Maintenance of Underground Lines (Dual-Credit)  |
| Tech College | PL-155  | Maintenance of Overhead Lines (Dual-Credit)     |
| Tech College | PL-156  | Field Training II (Dual-Credit)                 |
| Tech College | PL-171  | Utility Safety I (Dual-Credit)                  |
| Tech College | PL-172  | Utility Safety II (Dual-Credit)                 |

|              |         | Approved Dual Credit for                                  |
|--------------|---------|---|
|              |         | The Transportation Cluster                                |
| Tech College | AB-110  | Introduction to Auto Body Repair and Safety (Dual-Credit) |
| Tech College | AB-111  | Auto Body Welding (Dual-Credit)                           |
| Tech College | AB-112  | Auto Body Lab (Dual-Credit)                               |
| Tech College | AB-120  | Stationary Panel/Frame/Unibody (Dual-Credit)              |
| Tech College | AB-122  | Auto Body Lab (Dual-Credit)                               |
| Tech College | AB-210  | Auto Body Electrical Circuits/Air Cond (Dual-Credit)      |
| Tech College | AB-211  | Surface Preparation (Dual-Credit)                         |
| Tech College | AB-212  | Spray Equipment/Refinish Materials (Dual-Credit)          |
| Tech College | AB-214  | Auto Refinish Lab (Dual-Credit)                           |
| Tech College | AB-220  | Color Theory (Dual-Credit)                                |
| Tech College | AB-221  | Blending (Dual-Credit)                                    |
| Tech College | AB-223  | Auto Refinish Lab II (Dual-Credit)                        |
| Tech College | AGT-158 | Small Engines (Dual-Credit)                               |
| Tech College | AT-101  | Under-Car Diagnostics (Dual-Credit)                       |
| Tech College | AT-105  | Under-Car Diagnostics Lab (Dual-Credit)                   |
| Tech College | AT-107  | Brake System Theory (Dual-Credit)                         |
| Tech College | AT-108  | Brake System Lab (Dual-Credit)                            |
| Tech College | AT-110  | Manual Drive Train/Axles Theory (Dual-Credit)             |
| Tech College | AT-111  | Manual Drive Train/Axles (Dual-Credit)                    |
| Tech College | AT-111L | Manual Drive Train/Axles Lab (Dual-Credit)                |
| Tech College | AT-112  | Automatic Transmissions Theory (Dual-Credit)              |
| Tech College | AT-113  | Automatic Transmissions (Dual-Credit)                     |
| Tech College | AT-113L | Automatic Transmissions Lab (Dual-Credit)                 |
| Tech College | AT-121  | Introduction to Hybrids (Dual-Credit)                     |
| Tech College | AT-122  | Brake Theory (Dual-Credit)                                |
| Tech College | AT-123  | Brake Lab (Dual-Credit)                                   |
| Tech College | AT-125  | Light Duty Drivetrains (Dual-Credit)                      |
| Tech College | AT-130  | Light Duty Drivetrains Lab (Dual-Credit)                  |
| Tech College | AT-140  | Wheel Alignment (Dual-Credit)                             |
| Tech College | DM-114  | Preventive Maintenance Theory (Dual-Credit)               |
| Tech College | DM-115  | Preventive Maintenance Lab (Dual-Credit)                  |
| Tech College | DM-118  | Truck Electrical System Theory (Dual-Credit)              |
| Tech College | DM-119  | Truck Electrical System Lab (Dual-Credit)                 |
| Tech College | DM-120  | Climate Control Theory (Dual-Credit)                      |
| Tech College | DM-121  | Climate Control Theory Lab (Dual-Credit)                  |
| Tech College | DM-210  | Diesel Theory (Dual-Credit)                               |
| Tech College | DM-211  | Diesel Theory Lab (Dual-Credit)                           |
| Tech College | DM-220  | Fuel Theory (Dual-Credit)                                 |
| Tech College | DM-221  | Fuel Theory (Dual-Credit)                                 |
| Tech College | DM-224  | Hydraulic Theory (Dual-Credit)                            |

| Tech College   | DM-225  | Hydraulic Lab (Dual-Credit)  |
|--|---|--|
| Tech College   | DPT-107   | Intro to Hydraulics (Dual-Credit)  |
| Tech College   | DPT-115   | Intro to Prydradies (Dual-Credit)  |
| Tech College   | DPT-120   | Diesel Engines Control Systems (Dual-Credit)   |
| Tech College   | DPT-120   | Advanced Diesel Engines Control Systems (Dual-Credit)  |
| Tech College   | DPT-121   | Electrical Electronic Systems (Dual-Credit)  |
|  |   |  |
| Tech College   | DPT-161   | Air Conditioning Service Fundamentals (Dual-Credit)  |
| Tech College   | FPWR-107  | Intro to Hydraulics (Dual-Credit)  |
| Tech College   | FPWR-120  | Diesel Engine & Control Systems (Dual-Credit)  |
| Tech College   | FPWR-121  | Advanced Diesel Engine & Control Systems (Dual-Credit)   |
| Tech College   | FPWR-130  | Electrical/Electronic Systems (Dual-Credit)  |
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| Tech College   | OPRV-120  | Basic Engine Theory & Operation (Dual-Credit)  |
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| Tech College   | OPRV-150  | Handheld Power Equipment Lab (Dual-Credit)   |
| Tech College   | OPRV-280  | Successful Service Management (Dual-Credit)  |
| Tech College   | SD-120  | Introduction to Motor Controls (Dual-Credit)   |
| Tech College   | SD-136  | Programming for SCADA (Dual-Credit)  |
| Tech College   | SD-157  | SCADA Electronics Lab (Dual-Credit)  |
| Tech College   | SD-159  | Programmable Logic Controllers (Dual-Credit)   |
| Tech College   | SD-160  | Industrial Wiring  |
| Tech College   | TRAN-100  | Industrial Transportation/CDL (Dual-Credit)  |
| Tech College   | TT- 205   | Under-Car Diagnosis Lab (Dual-Credit)  |
| Tech College   | TTT-110   | Vehicle Electricity and Electronics (Dual-Credit)  |
| Tech College   | TTT-112   | Vehicle Electricity and Electronics (Dual-Credit)  |
| Tech College   | TTT-115   | Engine Construction and Operation (Dual-Credit)  |
| Tech College   | TTT-120   | Shop and Parts Management (Dual-Credit)  |
| Tech College   | TTT-121   | Intro to Hybrids (Dual-Credit)   |
| Tech College   | TTT-122   | Chassis Wiring (Dual-Credit)   |
| Tech College   | TTT-125   | Engine Performance (Dual-Credit)   |
| Tech College   | TTT-126   | Engine Performance Lab (Dual-Credit)   |
| Tech College   | TTT-130   | Preventative Maintenance (Dual-Credit)   |
| Tech College   | TTT-200   | Transportation HVAC (Dual-Credit)  |
| Tech College   | TTT-201   | Under-Car Diagnosis (Dual-Credit)  |
| Tech College   | TTT-203   | HVAC-Light Duty (Dual-Credit)  |
| Tech College   | TTT-204   | Engine Overhaul (Dual-Credit)  |
| Tech College   | TTT-205   | Under-Car Diagnosis Lab (Dual-Credit)  |
|  | TTT-210   | Under-Truck Diagnosis (Dual-Credit)  |
|  | TTT-211   | Heavy Duty Drivetrains (Dual-Credit)   |
|  |   |  |
| Tech College | SD-120 SD-136 SD-157 SD-159 SD-160 TRAN-100 TT- 205 TTT-110 TTT-112 TTT-115 TTT-120 TTT-121 TTT-125 TTT-126 TTT-126 TTT-130 TTT-200 TTT-201 TTT-201 TTT-203 TTT-204 TTT-205 TTT-210 | Introduction to Motor Controls (Dual-Credit)  Programming for SCADA (Dual-Credit)  SCADA Electronics Lab (Dual-Credit)  Programmable Logic Controllers (Dual-Credit)  Industrial Wiring  Industrial Transportation/CDL (Dual-Credit)  Under-Car Diagnosis Lab (Dual-Credit)  Vehicle Electricity and Electronics (Dual-Credit)  Vehicle Electricity and Electronics (Dual-Credit)  Engine Construction and Operation (Dual-Credit)  Shop and Parts Management (Dual-Credit)  Intro to Hybrids (Dual-Credit)  Chassis Wiring (Dual-Credit)  Engine Performance (Dual-Credit)  Engine Performance (Dual-Credit)  Transportation HVAC (Dual-Credit)  Under-Car Diagnosis (Dual-Credit)  Engine Overhaul (Dual-Credit)  Engine Overhaul (Dual-Credit)  Under-Car Diagnosis Lab (Dual-Credit)  Under-Car Diagnosis Lab (Dual-Credit)  Under-Truck Diagnosis (Dual-Credit) |

| Tech College | TTT-213 | HVAC-Heavy Duty (Dual-Credit)            |
|--------------|---------|--|
| Tech College | TTT-215 | Hydraulics (Dual-Credit)                 |
| Tech College | TTT-222 | Light Duty Drivetrains (Dual-Credit)     |
| Tech College | TTT-223 | Light Duty Drivetrains Lab (Dual-Credit) |
| Tech College | TTT-240 | Under-Truck Diagnosis Lab (Dual-Credit)  |