

**Brownwood High School Endorsements  
Course Levels**

| Endorsement                                    | Sequence/Pathway   | Level 1   | Level 2  | Level 3  | Level 4  | Certifications   |  |
|--|--|---|--|--|--|--|--|
| STEM (Science, Technology, Engineering & Math) | Science Option   | Biology /Biology Pre AP   | Chemistry/ Chemistry Pre AP                      | Physics/OnRamps Physics  | Two additional science courses (e)(6)  |  |  |
|  | Math Option  | Algebra 1/Alg 1 Pre AP or Geometry/Pre AP Geometry  | Geometry/Pre AP Geometry or Alg II/Pre AP Alg II | Alg II/ Alg OnRamps or PreCal/ PreCal OnRamps                              | Two additional mathematics courses for which Algebra II is a prerequisite    |  |  |
|  | Programming and Software Development   | Computer Science 1  | Computer Science 2                               | Computer Science 3   | Indep. Study in Evolving/Emerg. Technologies or Indep. Study In Tech Appl.   | FAA Remote Pilot Certification or Networking+  |  |
| Networking Systems                             | Computer Science 1   | Internetworking Technologies  | Internetworking Technologies II                  | Indep. Study in Evolving/Emerg. Technologies or Indep. Study In Tech Appl. |  |  |  |
| Business & Industry                            | Plant Science  | Principles of Agriculture, Food, and Natural Resources  | Floral Design                                    | Greenhouse Operations and Production                                       | Advanced Plant Soil Science  | TSFA Knowledge Based Certification   |  |
|  | Animal Science   | Principles of Agriculture, Food, and Natural Resources  | Small Animal Management and Equine Science       | Livestock Production   | Advanced Animal Science  | TCFA Technician  |  |
|  | Digital Communications   | Audio Video Production I  | Audio Video Production II                        | Practicum of Audio/Video   | Career Prep  | Adobe Certified Associate Premiere Pro   |  |
|  | Graphic Design & Interactive Media   | Commercial Photography I  | Commercial Photography II                        | Graphic Design and Illustration I  | Graphic Design and Illustration II   | Adobe Certified Associate in Photoshop   |  |
|  | Business Management  | Business Information Management I   | Business Information Management II               | Business Management  | Career Prep  | Microsoft Office Specialist-Word Expert  |  |
|  | Accounting and Financial Services  | Business Information Management I   | Accounting I                                     | Accounting II  | Career Prep  |  |  |
|  | Culinary Arts  | Introduction to Culinary Arts   | Culinary Arts                                    | Advanced Culinary Arts   | Food Science or Career Prep  | Food Handler; ServSafe Managers  |  |
|  | Welding  | Introduction to Welding   | Welding 1  | Welding 2  | Career Prep  | AWS D1.1 Certification<br>AWS D9.1 Certification   |  |
|  | Architectural Drafting and Design  | Principles of Architecture  | Architectural Design I                           | Architectural Design II  | Career Prep  |  |  |
|  | Automotive and Collision Repair (P-TECH)   | Principles of Transportation Systems  | Automotive Basics                                | Automotive Technology 1: Maintenance and Light Repair                      | Automotive Technology 2: Automotive Service                                  | OSHA 30 Certification; ASE Entry-Level Certification: Engine Repair (ER); Automatic Transmission/Transaxle (AT); Brakes (BR); Electronic/Electrical Systems (EE); Heating and A/C (AC); Manual Drive Train and Axles (MD); Mechanical and Electrical Components (ME) |  |
| Public Service                                 | Teaching and Training  | Principles of Education and Training  | Human Growth and Development                     | Instructional Practices  | Practicum in Education and Training  | CPR  |  |
|  | Diagnostic and Therapeutic Services  | Principles of Health Science  | Medical Terminology                              | Anatomy and Physiology   | Pathophysiology  | Pharmacy Technician or Certified Nurse Aide/Assistance Certification; NCHSE ; CPR  |  |
|  |  | Principles of Health Science  | Medical Terminology                              | Health Science Theory  | Practicum in Health Science-CNA or Practicum in Health Science-Pharmacy Tech |  |  |
| Arts & Humanities                              | Fine Arts  | Any first year fine art including Art, Band, Choir, or Theater  | Fine Art Year 2                                  | Fine Arts Year 3   | Fine Arts Year 4   |  |  |
|  | Foreign Language   | Four levels of the same language; or two levels of the same language and two levels of a different language |  |  |  |  |  |
|  | Social Studies   | 5 Social Studies Classes  |  |  |  |  |  |
| Multidisciplinary Studies                      | Four advanced courses within one endorsement area or among endorsement areas but not in a coherent sequence.   |   |  |  |  |  |  |
|  | Four credits in each of the four foundation subjects (Must include English IV, Chemistry, Physics)   |   |  |  |  |  |  |
|  | Four credits in advanced placement or dual credit courses. The four credits in AP and/or DC must include courses in English, Math, Science, Social Studies, Economics, LOTE or Fine Arts |   |  |  |  |  |  |

It is the policy of Brownwood I.S.D. not to discriminate on the basis of race, color, national origin, sex, handicap, or age in its employment practices as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975, as amended; and section 504 of the Rehabilitation Act of 1973, as amended. Brownwood ISD does not discriminate on the basis of race, color, national origin, sex, disability or age in its programs or activities and provides equal access to the Boy Scouts and other designated youth groups. Brownwood I.S.D. will take steps to assure that lack of English language skills will not be a barrier to admission and participation in all educational and vocation programs For information about your rights or grievance procedures, contact Brownwood ISD at (325) 643-5644.

Es política de Brownwood ISD no discriminar por motivos de raza, color, origen nacional, sexo, discapacidad o edad en sus prácticas laborales según lo exige el Título VI de la Ley de Derechos Civiles de 1964, según enmendada; Título IX de las Enmiendas Educativas de 1972; la Ley de Discriminación por Edad de 1975, según enmendada; y la sección 504 de la Ley de Rehabilitación de 1973, según enmendada. Brownwood ISD no discrimina por motivos de raza, color, origen nacional, sexo, discapacidad o edad en sus programas o actividades y brinda igualdad de acceso a los Boy Scouts y otros grupos juveniles designados. Para mas información sobre sus derechos o presentación de quejas, favor de contactar a Brownwood ISD al (325) 643-5644.

**Please visit our CTE and P-TECH website for more information.**

