

Chapter 130. Texas Essential Knowledge and Skills for Career and Technical Education

Subchapter A. Agriculture, Food, and Natural Resources

- §130.1. Implementation of Texas Essential Knowledge and Skills for Agriculture, Food, and Natural Resources.
- §130.2. Principles of Agriculture, Food, and Natural Resources (One-Half to One Credit).
- §130.3. Livestock Production (One-Half to One Credit).
- §130.4. Small Animal Management (One-Half to One Credit).
- §130.5. Equine Science (One-Half to One Credit).
- §130.6. Veterinary Medical Applications (One Credit).
- §130.7. Advanced Animal Science (One Credit).
- §130.8. Professional Standards in Agribusiness (One-Half to One Credit).
- §130.9. Agribusiness Management and Marketing (One-Half to One Credit).
- §130.10. Mathematical Applications in Agriculture, Food, and Natural Resources (One Credit).
- §130.11. Energy and Natural Resources Technology (One-Half to One Credit).
- §130.12. Advanced Environmental Technology (One Credit).
- §130.13. Food Technology and Safety (One-Half to One Credit).
- §130.14. Food Processing (One to Two Credits).
- §130.15. Wildlife, Fisheries, and Ecology Management (One-Half to One Credit).
- §130.16. Range Ecology and Management (One-Half to One Credit).
- §130.17. Forestry and Woodland Ecosystems (One-Half to One Credit).
- §130.18. Principles and Elements of Floral Design (One Credit).
- §130.19. Landscape Design and Turf Grass Management (One-Half to One Credit).
- §130.20. Horticulture Science (One-Half to One Credit).
- §130.21. Advanced Plant and Soil Science (One Credit).
- §130.22. Agricultural Mechanics and Metal Technologies (One-Half to One Credit).
- §130.23. Agricultural Facilities Design and Fabrication (One to Two Credits).
- §130.24. Agricultural Power Systems (One to Two Credits).
- §130.25. Practicum in Agriculture, Food, and Natural Resources (Two to Three Credits).

Subchapter B. Architecture and Construction

- §130.41. Implementation of Texas Essential Knowledge and Skills for Architecture and Construction.
- §130.42. Principles of Architecture and Construction (One-Half to One Credit).
- §130.43. Interior Design (One-Half to One Credit).
- §130.44. Advanced Interior Design (One to Two Credits).
- §130.45. Practicum in Interior Design (Two to Three Credits).
- §130.46. Architectural Design (One to Two Credits).
- §130.47. Advanced Architectural Design (Two to Three Credits).

- §130.48. Practicum in Architectural Design (Two to Three Credits).
- §130.49. Construction Management (One to Two Credits).
- §130.50. Advanced Construction Management (Two to Three Credits).
- §130.51. Construction Technology (One to Two Credits).
- §130.52. Advanced Construction Technology (Two to Three Credits).
- §130.53. Mill and Cabinetmaking Technology (Two to Three Credits).
- §130.54. Building Maintenance Technology (One to Two Credits).
- §130.55. Advanced Building Maintenance Technology (Two to Three Credits).
- §130.56. Electrical Technology (One to Two Credits).
- §130.57. Advanced Electrical Technology (Two to Three Credits).
- §130.58. Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology (One to Two Credits).
- §130.59. Advanced Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology (Two to Three Credits).
- §130.60. Piping and Plumbing Technology (One to Two Credits).
- §130.61. Advanced Piping and Plumbing Technology (Two to Three Credits).
- §130.62. Practicum in Construction Management (Two to Three Credits).

Subchapter C. Arts, Audio/Video Technology, and Communications

- §130.81. Implementation of Texas Essential Knowledge and Skills for Arts, Audio/Video Technology, and Communications.
- §130.82. Principles of Arts, Audio/Video Technology, and Communications (One-Half to One Credit).
- §130.83. Animation (One to Two Credits).
- §130.84. Advanced Animation (Two to Three Credits).
- §130.85. Audio/Video Production (One to Two Credits).
- §130.86. Advanced Audio/Video Production (Two to Three Credits).
- §130.87. Practicum in Audio/Video Production (Two to Three Credits).
- §130.88. Graphic Design and Illustration (One to Two Credits).
- §130.89. Advanced Graphic Design and Illustration (Two to Three Credits).
- §130.90. Practicum in Graphic Design and Illustration (Two to Three Credits).
- §130.91. Commercial Photography (One to Two Credits).
- §130.92. Advanced Commercial Photography (Two to Three Credits).
- §130.93. Fashion Design (One to Two Credits).
- §130.94. Advanced Fashion Design (Two to Three Credits).
- §130.95. Practicum in Fashion Design (Two to Three Credits).
- §130.96. Printing and Imaging Technology (One to Two Credits).
- §130.97. Advanced Printing and Imaging Technology (Two to Three Credits).
- §130.98. Practicum in Printing and Imaging Technology (Two to Three Credits).
- §130.99. Professional Communications (One-Half to One Credit).

Subchapter D. Business Management and Administration

- §130.111. Implementation of Texas Essential Knowledge and Skills for Business Management and Administration.
- §130.112. Principles of Business, Marketing, and Finance (One-Half to One Credit).
- §130.113. Touch System Data Entry (One-Half to One Credit).
- §130.114. Business Information Management I (One to Two Credits).
- §130.115. Business Information Management II (One to Two Credits).
- §130.116. Business English (One Credit).
- §130.117. Business Law (One-Half to One Credit).
- §130.118. Global Business (One-Half to One Credit).
- §130.119. Human Resources Management (One-Half to One Credit).
- §130.120. Virtual Business (One-Half to One Credit).
- §130.121. Business Management (One to Two Credits).
- §130.122. Practicum in Business Management (Two to Three Credits).

Subchapter E. Education and Training

- §130.141. Implementation of Texas Essential Knowledge and Skills for Education and Training.
- §130.142. Principles of Education and Training (One-Half to One Credit).
- §130.143. Human Growth and Development (One Credit).
- §130.144. Instructional Practices in Education and Training (One to Two Credits).
- §130.145. Practicum in Education and Training (Two to Three Credits).

Subchapter F. Finance

- §130.161. Implementation of Texas Essential Knowledge and Skills for Finance.
- §130.162. Money Matters (One-Half to One Credit).
- §130.163. Banking and Financial Services (One-Half to One Credit).
- §130.164. Securities and Investments (One-Half to One Credit).
- §130.165. Insurance Operations (One-Half to One Credit).
- §130.166. Accounting I (One Credit).
- §130.167. Accounting II (One Credit).
- §130.168. Financial Analysis (One Credit).
- §130.169. Statistics and Risk Management (One Credit).

Subchapter G. Government and Public Administration

- §130.181. Implementation of Texas Essential Knowledge and Skills for Government and Public Administration.
- §130.182. Principles of Government and Public Administration (One-Half to One Credit).
- §130.183. Political Science I (One to Two Credits).
- §130.184. Political Science II (One to Two Credits).
- §130.185. Revenue, Taxation, and Regulation (One to Two Credits).

- §130.186. Public Management and Administration (One to Two Credits).
- §130.187. Planning and Governance (One to Two Credits).
- §130.188. National Security (Two to Three Credits).
- §130.189. Foreign Service and Diplomacy (Two to Three Credits).
- §130.190. Practicum in Local, State, and Federal Government (Two to Three Credits).

Subchapter H. Health Science

- §130.201. Implementation of Texas Essential Knowledge and Skills for Health Science.
- §130.202. Principles of Health Science (One-Half to One Credit).
- §130.203. Medical Terminology (One-Half Credit).
- §130.204. Health Science (One to Two Credits).
- §130.205. Practicum in Health Science (Two to Three Credits).
- §130.206. Anatomy and Physiology (One Science Credit).
- §130.207. Medical Microbiology (One-Half to One Science Credit).
- §130.208. Pathophysiology (One-Half to One Science Credit).
- §130.209. World Health Research (One Credit).

Subchapter I. Hospitality and Tourism

- §130.221. Implementation of Texas Essential Knowledge and Skills for Hospitality and Tourism.
- §130.222. Principles of Hospitality and Tourism (One-Half to One Credit).
- §130.223. Hotel Management (One-Half to One Credit).
- §130.224. Restaurant Management (One-Half to One Credit).
- §130.225. Travel and Tourism Management (One-Half to One Credit).
- §130.226. Culinary Arts (One to Two Credits).
- §130.227. Practicum in Culinary Arts (Two to Three Credits).
- §130.228. Hospitality Services (One to Two Credits).
- §130.229. Practicum in Hospitality Services (Two to Three Credits).
- §130.230. Food Science (One Credit).

Subchapter J. Human Services

- §130.241. Implementation of Texas Essential Knowledge and Skills for Human Services.
- §130.242. Principles of Human Services (One-Half to One Credit).
- §130.243. Dollars and Sense (One-Half to One Credit).
- §130.244. Interpersonal Studies (One-Half to One Credit).
- §130.245. Lifetime Nutrition and Wellness (One-Half to One Credit).
- §130.246. Counseling and Mental Health (One to Two Credits).
- §130.247. Child Development (One-Half to One Credit).
- §130.248. Child Guidance (One to Two Credits).

§130.249. Family and Community Services (One-Half to One Credit).

§130.250. Practicum in Human Services (Two to Three Credits).

§130.251. Introduction to Cosmetology (One-Half to One Credit).

§130.252. Cosmetology I (Two to Three Credits).

§130.253. Cosmetology II (Two to Three Credits).

Subchapter K. Information Technology

§130.271. Implementation of Texas Essential Knowledge and Skills for Information Technology.

§130.272. Principles of Information Technology (One-Half to One Credit).

§130.273. Computer Maintenance (One to Two Credits).

§130.274. Telecommunications and Networking (One to Two Credits).

§130.275. Computer Technician (Two to Three Credits).

§130.276. Computer Programming (One-Half to One Credit).

§130.277. Advanced Computer Programming (One to Two Credits).

§130.278. Digital and Interactive Media (One-Half to One Credit).

§130.279. Web Technologies (One-Half to One Credit).

§130.280. Research in Information Technology Solutions (Two to Three Credits).

Subchapter L. Law, Public Safety, Corrections, and Security

§130.291. Implementation of Texas Essential Knowledge and Skills for Law, Public Safety, Corrections, and Security.

§130.292. Principles of Law, Public Safety, Corrections, and Security (One-Half to One Credit).

§130.293. Law Enforcement I (One to Two Credits).

§130.294. Law Enforcement II (One to Two Credits).

§130.295. Forensic Science (One Credit).

§130.296. Court Systems and Practices (One to Two Credits).

§130.297. Correctional Services (One to Two Credits).

§130.298. Security Services (One to Two Credits).

§130.299. Firefighter I (One to Two Credits).

§130.300. Firefighter II (Two to Three Credits).

§130.301. Practicum in Law, Public Safety, Corrections, and Security (Two to Three Credits).

Subchapter M. Manufacturing

§130.321. Implementation of Texas Essential Knowledge and Skills for Manufacturing.

§130.322. Principles of Manufacturing (One-Half to One Credit).

§130.323. Welding (One to Two Credits).

§130.324. Advanced Welding (Two to Three Credits).

§130.325. Precision Metal Manufacturing (One to Two Credits).

§130.326. Advanced Precision Metal Manufacturing (Two to Three Credits).

§130.327. Flexible Manufacturing (One to Two Credits).

§130.328. Advanced Flexible Manufacturing (Two to Three Credits).

§130.329. Manufacturing Engineering (Two to Three Credits).

§130.330. Practicum in Manufacturing (Two to Three Credits).

Subchapter N. Marketing

§130.341. Implementation of Texas Essential Knowledge and Skills for Marketing.

§130.342. Advertising and Sales Promotion (One-Half to One Credit).

§130.343. Fashion Marketing (One-Half to One Credit).

§130.344. Entrepreneurship (One-Half to One Credit).

§130.345. Retailing and E-tailing (One-Half to One Credit).

§130.346. Sports and Entertainment Marketing (One-Half to One Credit).

§130.347. Marketing Dynamics (Two to Three Credits).

§130.348. Practicum in Marketing Dynamics (Two to Three Credits).

Subchapter O. Science, Technology, Engineering, and Mathematics

§130.361. Implementation of Texas Essential Knowledge and Skills for Science, Technology, Engineering, and Mathematics.

§130.362. Concepts of Engineering and Technology (One-Half to One Credit).

§130.363. Biotechnology (One to Two Credits).

§130.364. Advanced Biotechnology (One Credit).

§130.365. Engineering Design and Presentation (One to Two Credits).

§130.366. Advanced Engineering Design and Presentation (Two to Three Credits).

§130.367. Engineering Mathematics (One Credit).

§130.368. Electronics (One to Two Credits).

§130.369. Advanced Electronics (Two to Three Credits).

§130.370. Robotics and Automation (One to Two Credits).

§130.371. Principles of Technology (One Science Credit).

§130.372. Scientific Research and Design (One Science Credit).

§130.373. Engineering Design and Problem Solving (One Science Credit).

§130.374. Practicum in Science, Technology, Engineering, and Mathematics (Two to Three Credits).

§130.375. Principles of Engineering (One Credit).

§130.376. Digital Electronics (One Credit).

Subchapter P. Transportation, Distribution, and Logistics

§130.391. Implementation of Texas Essential Knowledge and Skills for Transportation, Distribution, and Logistics.

§130.392. Principles of Transportation, Distribution, and Logistics (One-Half to One Credit).

- §130.393. Energy, Power, and Transportation Systems (One-Half to One Credit).
- §130.394. Aircraft Technology (One to Two Credits).
- §130.395. Advanced Aircraft Technology (Two to Three Credits).
- §130.396. Automotive Technology (One to Two Credits).
- §130.397. Advanced Automotive Technology (Two to Three Credits).
- §130.398. Collision Repair and Refinishing (One to Two Credits).
- §130.399. Advanced Collision Repair and Refinishing (Two to Three Credits).
- §130.400. Small Engine Technology (One to Two Credits).
- §130.401. Advanced Small Engine Technology (Two to Three Credits).
- §130.402. Transportation Systems Management (One to Two Credits).
- §130.403. Logistics, Planning, and Management Systems (One to Two Credits).
- §130.404. Practicum in Transportation, Distribution, and Logistics (Two to Three Credits).