

Current Certification Crosswalk to New TEKS (Draft July 2009)

	Ag	Bus	FCS	H S	MK	T E	T&I	ELA	Math	Sci	S S	MPE	T A
Chapter 127. Career Development													
Subchapter A. Middle School Career Development													
§127.3. Exploring Careers	X	X	1,2,3	X	X	X	X						
§127.4. Career Portals	X	X	1,2,3	X	X	X	X						
Subchapter B. High School Career Development													
§127.13. Career Preparation I	X	X	1,2,3	X	X	X	X						
§127.14. Career Preparation II	X	X	1,2,3	X	X	X	X						
§127.15. Problems and Solutions	X	X	1,2,3	X	X	X	X						
Chapter 130. Career and Technical Education, High School													
Subchapter A. Agriculture, Food & Natural Resources													
§130.2. Principles of Agriculture, Food & Natural Resources	X												
§130.3. Livestock Production	X												
§130.4. Small Animal Management	X												
§130.5. Equine Science	X												
§130.6. Veterinary Medical Applications	X												
§130.7. Advanced Animal Science	X ^A									X			
§130.8. Professional Standards in Agribusiness	X												
§130.9. Agribusiness Management and Marketing	X	X			X								
§130.10. Mathematical Applications in Agriculture, Food and Natural Resources	X ^A								X				
§130.11. Energy and Natural Resources Technology	X								X	X [*]			
§130.12. Advanced Environmental Technology	X												
§130.13. Food Technology and Safety	X												
§130.14. Food Processing	X												
§130.15. Wildlife, Fisheries and Ecology Management	X												
§130.16. Range Ecology and Management	X												
§130.17. Forestry and Woodland Ecosystems	X												
§130.18. Principles and Elements of Floral Design	X									X [*]			
§130.19. Landscape Design and Turf Grass Management	X												
§130.20. Horticulture Science	X												
§130.21. Advanced Plant and Soil Science	X ^A									X			
§130.22. Agricultural Mechanics and Metal Technologies	X									X	X [*]		
§130.23. Agricultural Facilities Design and Fabrication	X									X	X [*]		X
§130.24. Agricultural Power Systems	X									X	X [*]		
§130.25. Practicum in Agriculture, Food and Natural Resources	X												

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Subchapter B. Architecture and Construction													
§130.42. Principles of Architecture and Construction			1			X	X*					X	
§130.43. Interior Design			1			X	X*						
§130.44. Advanced Interior Design			1			X	X*						
§130.45. Practicum in Interior Design			1			X	X*						
§130.46. Architectural Design						X	X*					X	
§130.47. Advanced Architectural Design						X	X*					X	
§130.48. Practicum in Architectural Design						X	X*					X	
§130.49. Construction Management	X					X	X*					X	
§130.50. Advanced Construction Management	X					X	X*					X	
§130.51. Construction Technology	X					X	X*					X	
§130.52. Advanced Construction Technology	X					X	X*					X	
§130.53. Mill and Cabinetmaking Technology						X	X*						
§130.54. Building Maintenance Technology	X					X	X*						
§130.55. Advanced Building Maintenance Technology	X					X	X*						
§130.56. Electrical Technology							X*						
§130.57. Advanced Electrical Technology							X*						
§130.58. HVAC and Refrigeration Technology							X*						
§130.59. Advanced HVAC and Refrigeration Technology							X*						
§130.60. Piping and Plumbing Technology							X*						
§130.61. Advanced Piping and Plumbing Technology							X*						
§130.62. Practicum in Construction Management	X					X	X*					X	

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Subchapter C. Arts, AV Technology and Communications												
§130.82. Principles of Arts, Audio Video Technology and Communications		X					X*					
§130.83. Animation		X					X*					
§130.84. Advanced Animation		X					X*					
§130.85. Audio Video Production							X*					
§130.86. Advanced Audio Video Production							X*					
§130.87. Practicum in Audio Video Production							X*					
§130.88. Graphic Design and Illustration							X*					
§130.89. Advanced Graphic Design and Illustration							X*					
§130.90. Practicum in Graphic Design and Illustration							X*					
§130.91. Commercial Photography							X*					
§130.92. Advanced Commercial Photography							X*					
§130.93. Fashion Design			1									
§130.94. Advanced Fashion Design			1									
§130.95. Practicum in Fashion Design			1									
§130.96. Printing and Imaging Technology							X*					
§130.97. Advanced Printing and Imaging Technology							X*					
§130.98. Practicum in Printing and Imaging Technology							X*					
§130.99. Professional Communications	X	X	1,2,3	X	X	X	X	X			X	
Subchapter D. Business Management and Administration												
§130.112. Principles of Business, Marketing and Finance		X						X				
§130.113. Touch System Data Entry		X										
§130.114. Business Information Management I		X										
§130.115. Business Information Management II		X										
§130.116. Business English		X ^A							X			
§130.117. Business Law		X										
§130.118. Global Business		X						X				
§130.119. Human Resources Management		X						X				
§130.120. Virtual Business		X						X				
§130.121. Business Management		X						X				
§130.122. Practicum in Business Management		X						X				

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Subchapter E. Education and Training													
§130.142. Principles of Education and Training			1, 2										
§130.143. Human Growth and Development			1, 2	X									
§130.144. Instructional Practices in Education and Training			1, 2										
§130.145. Practicum in Education and Training			1, 2										
Subchapter F. Finance													
§130.162. Money Matters	X		1	X									
§130.163. Banking and Financial Services	X			X									
§130.164. Securities and Investments	X												
§130.165. Insurance Operations	X												
§130.166. Accounting I	X [^]								X				
§130.167. Accounting II	X [^]								X				
§130.168. Financial Analysis	X [^]								X				
§130.169. Statistics and Risk Management	X [^]								X				
Subchapter G. Government and Public Administration													
§130.182. Principles of Government and Public Administration							X [*]				X		
§130.183. Political Science I											X		
§130.184. Political Science II											X		
§130.185. Revenue, Taxation and Regulation											X		
§130.186. Public Management and Administration	X										X		
§130.187. Planning and Governance											X		
§130.188. National Security							X [*]						
§130.189. Foreign Service and Diplomacy											X		
§130.190. Practicum in Local, State, and Federal Government							X [*]				X		
Subchapter H. Health Science													
§130.202. Principles of Health Science				X									
§130.203. Medical Terminology				X									
§130.204. Health Science				X									
§130.205. Practicum in Health Science				X									
§130.206. Anatomy and Physiology				X [^]							X		
§130.207. Medical Microbiology				X [^]							X		
§130.208. Pathophysiology				X [^]							X		
§130.209. World Health Research				X									

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Subchapter I. Hospitality and Tourism												
§130.222. Principles of Hospitality and Tourism			1, 3		X							
§130.223. Hotel Management			1, 3		X							
§130.224. Restaurant Management			1, 3			X*						
§130.225. Travel and Tourism Management			1, 3		X							
§130.226. Culinary Arts			1, 3			X*						
§130.227. Practicum in Culinary Arts			1, 3			X*						
§130.228. Hospitality Services			1, 3			X*						
§130.229. Practicum in Hospitality and Tourism			1, 3		X	X*						
§130.230. Food Science			1, 3, 3^A							X		
Subchapter J. Human Services												
§130.242. Principles of Human Services			1, 2									
§130.243. Dollars and Sense		X	1, 2			X						
§130.244. Interpersonal Studies			1, 2									
§130.245. Lifetime Wellness and Nutrition			1, 3			X						
§130.246. Counseling and Mental Health			1, 2		X							
§130.247. Child Development			1, 2									
§130.248. Child Guidance			1, 2									
§130.249. Family and Community Services			1, 2									
§130.250. Practicum in Human Services			1, 2									
§130.251. Introduction to Cosmetology			1, 2									
§130.252. Cosmetology I						X*						
§130.253. Cosmetology II						X*						
Subchapter K. Information Technology												
§130.272. Principles of Information Technology		X				X	X*					X
§130.273. Computer Maintenance						X	X*					
§130.274. Telecommunications and Networking		X				X	X*					X
§130.275. Computer Technician						X	X*					X
§130.276. Computer Programming		X				X	X*					X
§130.277. Advanced Computer Programming		X				X	X*					X
§130.278. Digital and Interactive Media		X				X	X*					X
§130.279. Web Technologies		X				X	X*					X
§130.280. Research in Information Technology Solutions		X				X	X*					X

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Subchapter L. Law, Public Safety, Corrections and Security														
\$130.292. Principles of Law, Public Safety, Corrections and Security							X*							
\$130.293. Law Enforcement I							X*							
\$130.294. Law Enforcement II							X*							
\$130.295. Forensic Science				X^			X^			X				
\$130.296. Court Systems and Practices							X*							
\$130.297. Correctional Services							X*							
\$130.298. Security Services							X*							
\$130.299. Firefighter I							X*							
\$130.300. Firefighter II							X*							
\$130.301. Practicum in Law, Public Safety, Corrections and Security							X*							
Subchapter M. Manufacturing														
\$130.322. Principles of Manufacturing						X	X*							X
\$130.323. Welding	X					X	X*							
\$130.324. Advanced Welding	X					X	X*							
\$130.325. Precision Metal Manufacturing						X	X*							
\$130.326. Advanced Precision Metal Manufacturing						X	X*							
\$130.327. Flexible Manufacturing						X	X*							X
\$130.328. Advanced Flexible Manufacturing						X	X*							X
\$130.329. Manufacturing Engineering						X	X*							X
\$130.330. Practicum in Manufacturing						X	X*							X
Subchapter N. Marketing														
\$130.342. Advertising and Sales Promotion					X		X*							
\$130.343. Fashion Marketing			1		X									
\$130.344. Entrepreneurship	X	X	1,2,3	X	X	X	X							
\$130.345. Retailing and E-tailing		X	1, 3		X									
\$130.346. Sports and Entertainment Marketing					X									
\$130.347. Marketing Dynamics					X									
\$130.348. Practicum in Marketing Dynamics					X									

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Subchapter O. Science, Technology, Engineering and Mathematics												
§130.362. Concepts of Engineering and Technology	X			X		X	X*				X	
§130.363. Biotechnology	X			X		X				X	X	
§130.364. Advanced Biotechnology	X^			X^		X^				X	X	
§130.365. Engineering Design and Presentation						X	X*				X	
§130.366. Advanced Engineering Design and Presentation						X	X*				X	
§130.367. Engineering Mathematics						X	X*		X		X	
§130.368. Electronics						X	X*				X	
§130.369. Advanced Electronics						X	X*				X	
§130.370. Robotics and Automation						X	X*				X	
§130.371. Principles of Technology						X^				X	X	
§130.372. Scientific Research and Design	X^	X^	1^,2^,3^	X^	X^	X^	X^			X	X	
§130.373. Engineering Design and Problem Solving						X^				X	X	
§130.374. Practicum in Science, Technology, Engineering and Mathematics						X	X*				X	
Subchapter P. Transportation, Distribution and Logistics												
§130.392. Principles of Transportation, Distribution and Logistics						X	X*					
§130.393. Energy, Power and Transportation Systems						X	X*					
§130.394. Aircraft Technology							X*					
§130.395. Advanced Aircraft Technology							X*					
§130.396. Automotive Technology							X*					
§130.397. Advanced Automotive Technology							X*					
§130.398. Collision Repair and Refinishing							X*					
§130.399. Advanced Collision Repair and Refinishing							X*					
§130.400. Engine Technology	X					X	X*					
§130.401. Advanced Engine Technology	X					X	X*					
§130.402. Transportation Systems Management						X	X*					
§130.403. Logistics, Planning and Management Systems						X	X*					
§130.404. Practicum in Transportation, Distribution and Logistics						X	X*					
LEGEND												
1 - Family and Consumer Sciences Composite												
2 - Family Studies and Human Development												
3 - Hospitality, Nutrition and Food Science												
* - Trade and Industrial with appropriate approval area												
^ - must meet NCLB Highly Qualified requirements to teach this course												