

2. Proposed New 19 TAC Chapter 127, Texas Essential Knowledge and Skills (TEKS) for Career Development and Career and Technical Education, Subchapter C, Agriculture, Food, and Natural Resources, §§127.30, 127.45-127.58, 127.86, and 127.87; Subchapter O, Science, Technology, Engineering, and Mathematics, §127.795 and §127.796; and Subchapter P, Transportation, Distribution, and Logistics, §§127.887-127.890, and 127.920; and

---

(Second Reading and Final Adoption)  
(Board agenda page I-14)  
[Official agenda item #4]

Ms. Ramos explained that feedback on the proposal had been collected through the official public comment process and through a business and industry survey that TEA staff distributed. She explained that public comments had been shared with members of the advisory group and, based on advisory group member feedback, minor revisions were identified for consideration for a course within the aviation maintenance program of study. In addition, Ms. Ramos suggested that the board consider revising the course title, Applied Physics and Engineering, as it is very similar to an existing STEM course title which will cause confusion.

**MOTION:** *It was moved by Mr. Maynard and seconded by Mr. Francis to recommend that the State Board of Education approve for second reading and final adoption proposed new 19 TAC Chapter 127, Texas Essential Knowledge and Skills for Career Development and Career and Technical Education, Subchapter C, Agriculture, Food, and Natural Resources, §§127.30, 127.45-127.58, 127.86, and 127.87; Subchapter O, Science, Technology, Engineering, and Mathematics, §127.795 and §127.796; and Subchapter P, Transportation, Distribution, and Logistics, §§127.887-127.890, and 127.920; and*

*Make an affirmative finding that immediate adoption of proposed new 19 TAC Chapter 127, Texas Essential Knowledge and Skills for Career Development and Career and Technical Education, Subchapter C, Agriculture, Food, and Natural Resources, §§127.30, 127.45-127.58, 127.86, and 127.87; Subchapter O, Science, Technology, Engineering, and Mathematics, §127.795 and §127.796; and Subchapter P, Transportation, Distribution, and Logistics, §§127.887-127.890, and 127.920, is necessary and shall have an effective date of 20 days after filing with the Texas Register.*

**MOTION AND VOTE:** *It was moved by Mrs. Brooks and seconded by Mrs. Little to recommend that the State Board of Education amend §127.45(d)(10)(D) to read:*

“identify key concepts related to digital citizenship and civic responsibility and demonstrate appropriate use of technology for the workplace.”

*The motion failed.*

**MOTION AND VOTE:** *It was moved by Mrs. Brooks, seconded by Mrs. Little, and carried to recommend that the State Board of Education amend §127.46(d)(4)(B) to read:*

“research and describe the domestic and global context of agricultural industries and careers;”

**MOTION AND VOTE:** *It was moved by Mr. Maynard, seconded by Ms. Hardy, and carried without objection to recommend that the State Board of Education add new §127.58(d)(18)(C) and (D) to read:*

“(C) explain growing plants without soil (hydroponic techniques); and”

