

Text of Proposed Amendments to 19 TAC

Chapter 231. Requirements for Public School Personnel Assignments

Subchapter E. Grades 9-12 Assignments

Division 5. Science, Grades 9-12 Assignments

§231.209. Principles of Technology, Grades 9-12.

- (a) An assignment for Principles of Technology, Grades 9-12, is allowed with one of the following certificates.
- (1) Grades 6-12 or Grades 9-12--Industrial Arts.
 - (2) Grades 6-12 or Grades 9-12--Industrial Technology.
 - (3) Grades 6-12 or Grades 9-12--Physics.
 - (4) Grades 6-12 or Grades 9-12--Science.
 - (5) Grades 6-12 or Grades 9-12--Science, Composite.
 - (6) Junior High School (Grades 9-10 only) or High School--Industrial Arts.
 - (7) Junior High School (Grades 9-10 only) or High School--Physics.
 - (8) Junior High School (Grades 9-10 only) or High School--Science, Composite.
 - (9) Master Science Teacher (Grades 8-12).
 - (10) Mathematics/Physical Science/Engineering: Grades 6-12.
 - (11) Mathematics/Physical Science/Engineering: Grades 8-12.
 - (12) Physical Science: Grades 6-12.
 - (13) Physical Science: Grades 8-12.
 - (14) Physics/Mathematics: Grades 7-12.
 - (15) Physics/Mathematics: Grades 8-12.
 - (16) Science: Grades 7-12.
 - (17) Science: Grades 8-12.
 - (18) Secondary Industrial Arts (Grades 6-12).
 - (19) Secondary Industrial Technology (Grades 6-12).
 - (20) Secondary Physics (Grades 6-12).
 - (21) Secondary Science (Grades 6-12).
 - (22) Secondary Science, Composite (Grades 6-12).
 - (23) Technology Education: Grades 6-12.
- (b) An assignment for Principles of Technology, Grades 9-12, may also be taught with a vocational agriculture certificate or a trades and industry certificate with verifiable physics applications experience in business and industry, if assigned prior to the 1998-1999 school year. Six semester credit hours of college physics, chemistry, or electricity/electronics may be substituted for the business and industry experience.
- ~~[(c) All teachers assigned to Principles of Technology shall participate in Texas Education Agency approved training and have eight semester credit hours in physics prior to teaching the course. At the discretion of the employing school district, persons assigned to Principles of Technology prior to the 2010-2011 school year may continue in the assignment.]~~

Division 8. Technology Applications, Grades 9-12 Assignments

§231.253. Technology Applications, Grades 9-12.

An assignment for Digital Video and Audio Design, Web Communications, Digital Design and Media Production, Digital Art and Animation, 3-D Modeling and Animation, Digital Communications in the 21st Century, Web Design, Web Game Development, Independent Study in Technology Applications, or Independent Study in Evolving/Emerging Technologies, Grades 9-12, is allowed with one of the following certificates.

(1) Technology Applications: Early Childhood-Grade 12.

~~[(2) Technology Applications: Grades 7-12.]~~

(2) ~~[(3)]~~ Technology Applications: Grades 8-12.

§231.257. Game Programming and Design or Mobile Application Development, Grades 9-12.

An assignment for Game Programming and Design or Mobile Application Development, Grades 9-12, is allowed with one of the following certificates.

(1) Computer Science: Grades 8-12.

(2) Grades 6-12 or Grades 9-12--Computer Information Systems.

(3) Junior High School (Grades 9-10 only) or High School--Computer Information Systems.

(4) Secondary Computer Information Systems (Grades 6-12).

(5) Technology Applications: Early Childhood-Grade 12.

~~[(6) Technology Applications: Grades 7-12.]~~

(6) ~~[(7)]~~ Technology Applications: Grades 8-12.

Division 12. Arts, Audio Video Technology, and Communications, Grades 9-12 Assignments

§231.333. Principles of Arts, Audio Video Technology, and Communications, Grades 9-12.

An assignment for Principles of Arts, Audio Video Technology, and Communications, Grades 9-12, is allowed with one of the following certificates.

(1) Any business or office education certificate.

(2) Business and Finance: Grades 6-12.

(3) Business Education: Grades 6-12.

(4) Secondary Industrial Arts (Grades 6-12).

(5) Secondary Industrial Technology (Grades 6-12).

(6) Technology Applications: Early Childhood-Grade 12.

~~[(7) Technology Applications: Grades 7-12.]~~

(7) ~~[(8)]~~ Technology Applications: Grades 8-12.

(8) ~~[(9)]~~ Technology Education: Grades 6-12.

(9) ~~[(10)]~~ Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.

(10) ~~[(11)]~~ Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.

(11) ~~[(42)]~~ Vocational Trades and Industry. This assignment requires appropriate work approval.

§231.335. Animation, Grades 9-12.

An assignment for Animation or Advanced Animation, Grades 9-12, is allowed with one of the following certificates.

- (1) Any business or office education certificate.
- (2) Business and Finance: Grades 6-12.
- (3) Business Education: Grades 6-12.
- (4) Secondary Industrial Arts (Grades 6-12).
- (5) Secondary Industrial Technology (Grades 6-12).
- (6) Technology Applications: Early Childhood-Grade 12.

~~[(7) Technology Applications: Grades 7-12.]~~

(7) ~~[(8)]~~ Technology Applications: Grades 8-12.

(8) ~~[(9)]~~ Technology Education: Grades 6-12.

(9) ~~[(10)]~~ Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.

(10) ~~[(11)]~~ Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.

(11) ~~[(12)]~~ Vocational Trades and Industry. This assignment requires appropriate work approval.

§231.337. Audio Video Production; Graphic Design and Illustration, Grades 9-12.

- (a) An assignment for Audio Video Production, Advanced Audio Video Production, Graphic Design and Illustration, or Advanced Graphic Design and Illustration, Grades 9-12, is allowed with one of the following certificates.

- (1) Secondary Industrial Arts (Grades 6-12).
- (2) Secondary Industrial Technology (Grades 6-12).
- (3) Technology Applications: Early Childhood-Grade 12.

~~[(4) Technology Applications: Grades 7-12.]~~

(4) ~~[(5)]~~ Technology Applications: Grades 8-12.

(5) ~~[(6)]~~ Technology Education: Grades 6-12.

(6) ~~[(7)]~~ Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.

(7) ~~[(8)]~~ Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.

(8) ~~[(9)]~~ Vocational Trades and Industry. This assignment requires appropriate work approval.

- (b) Subject to the requirements in subsection (c) of this section, an assignment for Practicum in Audio Video Production or Practicum in Graphic Design and Illustration, Grades 9-12, is allowed with one of the following certificates.

- (1) Secondary Industrial Arts (Grades 6-12).
- (2) Secondary Industrial Technology (Grades 6-12).
- (3) Technology Education: Grades 6-12.
- (4) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
- (5) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.

- (6) Vocational Trades and Industry. This assignment requires appropriate work approval.
- (c) The school district is responsible for ensuring that each teacher assigned to Practicum in Audio Video Production or Practicum in Graphic Design and Illustration, Grades 9-12, has completed appropriate training in state and federal requirements regarding work-based learning and safety.

Division 20. Information Technology, Grades 9-12 Assignments

§231.481. Information Technology, Grades 9-12.

An assignment for Principles of Information Technology, Research in Information Technology Solutions, or Telecommunications and Networking, Grades 9-12, is allowed with one of the following certificates.

- (1) Any business or office education certificate.
- (2) Business and Finance: Grades 6-12.
- (3) Business Education: Grades 6-12.
- (4) Secondary Industrial Arts (Grades 6-12).
- (5) Secondary Industrial Technology (Grades 6-12).
- (6) Technology Applications: Early Childhood-Grade 12.
- ~~[(7) Technology Applications: Grades 7-12.]~~
- (7) ~~[(8)]~~ Technology Applications: Grades 8-12.
- (8) ~~[(9)]~~ Technology Education: Grades 6-12.
- (9) ~~[(10)]~~ Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
- (10) ~~[(11)]~~ Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
- (11) ~~[(12)]~~ Vocational Trades and Industry. This assignment requires appropriate work approval.

§231.483. Digital and Interactive Media or Web Technologies, Grades 9-12.

An assignment for Digital and Interactive Media or Web Technologies, Grades 9-12, is allowed with one of the following certificates.

- (1) Any business or office education certificate.
- (2) Business and Finance: Grades 6-12.
- (3) Business Education: Grades 6-12.
- (4) Secondary Industrial Arts (Grades 6-12).
- (5) Secondary Industrial Technology (Grades 6-12).
- (6) Technology Education: Grades 6-12.
- (7) Technology Applications: Early Childhood-Grade 12.
- ~~[(8) Technology Applications: Grades 7-12.]~~
- (8) ~~[(9)]~~ Technology Applications: Grades 8-12.
- (9) ~~[(10)]~~ Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
- (10) ~~[(11)]~~ Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.

(11) ~~(42)~~ Vocational Trades and Industry. This assignment requires appropriate work approval.

§231.489. Computer Technician, Grades 9-12.

An assignment for Computer Technician, Grades 9-12, is allowed with one of the following certificates.

- (1) Secondary Industrial Arts (Grades 6-12).
- (2) Secondary Industrial Technology (Grades 6-12).
- (3) Technology Education: Grades 6-12.
- (4) Technology Applications: Early Childhood-Grade 12.
- ~~(5) Technology Applications: Grades 7-12.~~
- (5) ~~(6)~~ Technology Applications: Grades 8-12.
- ~~(6) (7)~~ Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
- ~~(7) (8)~~ Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
- ~~(8) (9)~~ Vocational Trades and Industry. This assignment requires appropriate work approval.

Division 24. Science, Technology, Engineering, and Mathematics, Grades 9-12 Assignments

§231.579. Principles of Engineering, Grades 9-12.

- (a) Subject to the requirements in subsection (b) of this section, an assignment for Principles of Engineering, Grades 9-12, is allowed with one of the following certificates.
- (1) Master Science Teacher (Grades 8-12).
 - (2) Mathematics/Physical Science/Engineering: Grades 6-12.
 - (3) Mathematics/Physical Science/Engineering: Grades 8-12.
 - (4) Physical Science: Grades 6-12.
 - (5) Physical Science: Grades 8-12.
 - (6) Physics/Mathematics: Grades 7-12.
 - (7) Physics/Mathematics: Grades 8-12.
 - (8) Science: Grades 7-12.
 - (9) Science: Grades 8-12.
 - (10) Science, Technology, Engineering, and Mathematics: Grades 6-12.
 - (11) Secondary Industrial Arts (Grades 6-12).
 - (12) Secondary Industrial Technology (Grades 6-12).
 - (13) Secondary Physics (Grades 6-12).
 - (14) Secondary Science (Grades 6-12).
 - (15) Secondary Science, Composite (Grades 6-12).
 - (16) Technology Education: Grades 6-12.
- (b) All teachers assigned to Principles of Engineering shall participate in Texas Education Agency-approved training ~~[and have eight semester credit hours in physics]~~ prior to teaching this course.