

**Item 10:****Consider and Take Appropriate Action on Proposed Amendments to 19 TAC Chapter 231, Requirements for Public School Personnel Assignments, Subchapter B, Prekindergarten-Grade 6 Assignments, Subchapter C, Grades 6-8 Assignments, Subchapter D, Electives, Disciplinary Courses, Local Credit Courses, and Innovative Courses, Grades 6-12 Assignments, and Subchapter E, Grades 9-12 Assignments****DISCUSSION AND ACTION**

**SUMMARY:** This item provides the State Board for Educator Certification (SBEC) an opportunity to discuss and propose amendments to 19 TAC Chapter 231, Requirements for Public School Personnel Assignments, Subchapter B, Prekindergarten-Grade 6 Assignments, Subchapter C, Grades 6-8 Assignments, Subchapter D, Electives, Disciplinary Courses, Local Credit Courses, and Innovative Courses, Grades 6-12 Assignments, and Subchapter E, Grades 9-12 Assignments. The proposed amendments to 19 TAC §§231.5, 231.11, 231.77, 231.91, 231.209, 231.253, 231.257, 231.333, 231.335, 231.337, 231.481, 231.483, 231.489, and 231.579 would clarify the appropriate credential for placement in a particular teaching assignment and implement applicable requirements from the 84th Texas Legislature, Regular Session, 2015.

**STATUTORY AUTHORITY:** The statutory authority for 19 TAC Chapter 231, Subchapters B-E, is the Texas Education Code (TEC), §§21.031(a); 21.041(b)(1) and (2); 21.0487, as added by Senate Bill (SB) 1309, 84th Texas Legislature, Regular Session, 2015; and 29.061(b-1) and (b-2), as amended by House Bill (HB) 218, 84th Texas Legislature, Regular Session, 2015.

**EFFECTIVE DATE:** If approved for filing as proposed in December 2015 and if adopted, subject to State Board of Education (SBOE) review, at the February 2016 SBEC meeting, the proposed effective date of the proposed amendments to 19 TAC §§231.5, 231.11, 231.77, 231.91, 231.209, 231.253, 231.257, 231.333, 231.335, 231.337, 231.481, 231.483, 231.489, and 231.579 would be May 15, 2016 (20 days after filing as adopted with the *Texas Register*). The proposed effective date is also based on the SBEC and SBOE meeting schedules.

**PREVIOUS BOARD ACTION:** The SBEC adopted revisions to 19 TAC Chapter 231, Subchapter C, Grades 6-8 Assignments, and Subchapter E, Grades 9-12 Assignments, effective October 8, 2015. Changes to Subchapter B, Prekindergarten-Grade 6 Assignments, were last adopted effective December 29, 2014. Changes to Subchapter D, Electives, Disciplinary Courses, Local Credit Courses, and Innovative Courses, Grades 6-12 Assignments, were last adopted effective August 15, 2013. The SBEC discussed the proposed amendments to 19 TAC Chapter 231, Subchapters B-E, at the October 2015 meeting.

**BACKGROUND INFORMATION AND SIGNIFICANT ISSUES:** Current 19 TAC Chapter 231, Requirements for Public School Personnel Assignments, provides guidance to school districts with regard to the certificates required for specific assignments of public school educators with corresponding certificates for each assignment for ease of use by school district personnel.

The proposed revisions to 19 TAC Chapter 231, Subchapters B-E, shown in Attachment II, would identify the appropriate certificates for placement in particular Prekindergarten-Grade 6, Grades 6-8, Grades 6-12, and Grades 9-12 classroom assignments.

#### Subchapter B, Prekindergarten-Grade 6 Assignments

As a result of HB 218, 84th Texas Legislature, Regular Session, 2015, language in 19 TAC §231.5, Bilingual, Prekindergarten, and §231.11, Bilingual, Kindergarten-Grade 6, would be amended to ensure individuals are appropriately certified in bilingual education or English as a second language if teaching the English component only of a dual language immersion/one-way or two-way program model in Prekindergarten-Grade 6. The proposed amendments to §231.5 and §231.11 would also specify that a valid classroom teaching certificate appropriate for the grade level and subject areas taught plus any bilingual education certificate or endorsement would also be an acceptable combination of credentials to teach in the respective bilingual assignments. The proposed amendments would allow broader application of all bilingual certificates in combination with the valid classroom teaching certificate appropriate for the grade level and subject areas taught, would provide clarity for assigning individuals into bilingual assignments, and would eliminate some of the confusion that currently exists about the various names of bilingual certificates issued over the years.

#### Subchapter C, Grades 6-8 Assignments

Language in 19 TAC §231.77 would be amended to delete Technology Applications: Grades 7-12 from the list of certificates appropriate for the Technology Applications, Grades 6-8 assignment since TEA staff will be seeking SBEC approval to delete the Technology Applications: Grades 7-12 certificate as part of a separate item in this agenda. Remaining paragraphs would be renumbered accordingly.

#### Subchapter D, Electives, Disciplinary Courses, Local Credit Courses, and Innovative Courses, Grades 6-12 Assignments

As a result of SB 1309, 84th Texas Legislature, Regular Session, 2015, language in 19 TAC §231.91 would be amended to add the proposed new standard Junior Reserve Officer Training Corps: Grades 6-12 certificate to the list of credentials appropriate to teach Reserve Officer Training Corps (ROTC). TEA staff will be seeking SBEC approval to establish the Junior Reserve Officer Training Corps: Grades 6-12 certificate as part of a separate item in this agenda. The proposed amendment to §231.91 would also change the grade level reference for the ROTC assignment from Grades 9-12 to Grades 6-12 to ensure that districts providing ROTC courses at the middle school level would have guidance on placement of teachers into that assignment. Remaining subsections would be relettered accordingly.

Subchapter E, Grades 9-12 Assignments

Language in 19 TAC §231.209 would be amended to delete the reference to TEA-approved training to match wording adopted effective May 17, 2015, by the SBEC in an earlier rule change for the same course in 19 TAC §231.573, Principles of Technology, Grades 9-12. References to Technology Applications: Grades 7-12 would be deleted from the list of certificates appropriate for the various assignments for Grades 9-12 specified in 19 TAC §§231.253, 231.257, 231.333, 231.335, 231.337, 231.481, 231.483, and 231.489, since TEA staff will be seeking SBEC approval to delete the Technology Applications: Grades 7-12 certificate as part of a separate item in this agenda. Remaining paragraphs in those sections would be renumbered accordingly. In addition, language would be amended in 19 TAC §231.579, Principles of Engineering, Grades 9-12, to delete the reference to required hours of physics to be eligible to teach the course.

**FISCAL IMPACT:** The TEA staff has determined that there is no additional fiscal impact on state and local governments and there are no additional costs to persons or entities required to comply with the proposed rule actions. In addition, there is no direct adverse economic impact for small businesses and microbusinesses; therefore, no regulatory flexibility analysis, specified in Texas Government Code, §2006.002, is required.

**PUBLIC AND STUDENT BENEFIT:** The public and student benefit anticipated as a result of the proposed amendments to 19 TAC Chapter 231 would be updated requirements relating to the assignment of educators in Texas public schools.

**PROCEDURAL AND REPORTING IMPLICATIONS:** The proposed rule actions would have no procedural and reporting implications.

**LOCALLY MAINTAINED PAPERWORK REQUIREMENTS:** The proposed rule actions would have no locally maintained paperwork requirements.

**PUBLIC COMMENTS:** The public comment period on the proposal begins January 1, 2016, and ends February 1, 2016. The SBEC will take registered oral and written comments on this item at the February 12, 2016 meeting in accordance with the SBEC board operating policies and procedures.

**ALTERNATIVES:** None.

**OTHER COMMENTS AND RELATED ISSUES:** None.

**ASSOCIATE COMMISSIONER'S RECOMMENDATION:** I recommend that the State Board for Educator Certification:

Approve the proposed amendments to 19 TAC Chapter 231, Requirements for Public School Personnel Assignments, Subchapter B, Prekindergarten-Grade 6 Assignments, Subchapter C, Grades 6-8 Assignments, Subchapter D, Electives, Disciplinary Courses, Local Credit Courses, and Innovative Courses, Grades 6-12 Assignments, and Subchapter E, Grades 9-12 Assignments, to be published as proposed in the *Texas Register*.

**Staff Member Responsible:** Marilyn Cook, Director  
Educator Certification

- Attachments:**
- I. Statutory Citations
  - II. Text of Proposed Amendments to 19 TAC Chapter 231, Requirements for Public School Personnel Assignments, Subchapter B, Prekindergarten-Grade 6 Assignments, Subchapter C, Grades 6-8 Assignments, Subchapter D, Electives, Disciplinary Courses, Local Credit Courses, and Innovative Courses, Grades 6-12 Assignments, and Subchapter E, Grades 9-12 Assignments

**ATTACHMENT I****Statutory Citations Relating to Proposed Amendments to  
19 TAC Chapter 231, Requirements for Public School Personnel Assignments,  
Subchapter B, Prekindergarten-Grade 6 Assignments, Subchapter C, Grades 6-8  
Assignments, Subchapter D, Electives, Disciplinary Courses, Local Credit Courses, and  
Innovative Courses, Grades 6-12 Assignments, and Subchapter E, Grades 9-12  
Assignments****Texas Education Code, §21.031, Purpose (excerpt):**

- (a) The State Board for Educator Certification is established to recognize public school educators as professionals and to grant educators the authority to govern the standards of their profession. The board shall regulate and oversee all aspects of the certification, continuing education, and standards of conduct of public school educators.

**Texas Education Code, §21.041, Rules; Fees (excerpt):**

- (b) The board shall propose rules that:
- (1) provide for the regulation of educators and the general administration of this subchapter in a manner consistent with this subchapter;
  - (2) specify the classes of educator certificates to be issued, including emergency certificates;

**Texas Education Code, §21.0487, Junior Reserve Officer Training Corps Teacher Certification, as added by Senate Bill 1309, 84th Texas Legislature, Regular Session, 2015:**

- (a) The board shall establish a standard Junior Reserve Officer Training Corps teaching certificate to provide Junior Reserve Officer Training Corps instruction.
- (b) To be eligible for a certificate under this section, a person must:
- (1) hold a bachelor's degree from an institution of higher education that is, and at the time the person received the degree was, accredited or otherwise approved by an accrediting organization recognized by the Texas Higher Education Coordinating Board;
  - (2) satisfy the eligibility and testing requirements for certification as a Junior Reserve Officer Training Corps instructor established by the branch of service in which the person served; and
  - (3) complete an approved educator preparation program.
- (c) The board shall propose rules to:
- (1) approve educator preparation programs to prepare a person as a teacher for certification under this section; and
  - (2) establish requirements under which:
    - (A) a person's training and experience acquired during the person's military service serves as proof of the person's demonstration of subject matter knowledge if that training and experience is verified by the branch of service in which the person served; and

(B) a person's employment by a school district as a Junior Reserve Officer Training Corps instructor before the person was enrolled in an educator preparation program or while the person is enrolled in an educator preparation program is applied to satisfy any student teaching, internship, or field-based experience program requirement.

(d) A person is not required to hold a certificate established under this section to be employed by a school district as a Junior Reserve Officer Training Corps instructor.

**Texas Education Code, §29.061, Bilingual Education and Special Language Program Teachers, as amended by House Bill 218, 84th Texas Legislature, Regular Session, 2015 (excerpts):**

(a) The State Board for Educator Certification shall provide for the issuance of teaching certificates appropriate for bilingual education instruction to teachers who possess a speaking, reading, and writing ability in a language other than English in which bilingual education programs are offered and who meet the general requirements of Chapter 21. The board shall also provide for the issuance of teaching certificates appropriate for teaching English as a second language. The board may issue emergency endorsements in bilingual education and in teaching English as a second language.

(b-1) A teacher assigned to a bilingual education program using a dual language immersion/one-way or two-way program model must be appropriately certified by the board for:

(1) bilingual education for the component of the program provided in a language other than English; and

(2) bilingual education or English as a second language for the component of the program provided in English.

(b-2) A school district that provides a bilingual education program using a dual language immersion/one-way or two-way program model may assign a teacher certified under Subsection (b-1)(1) for the language other than English component of the program and a different teacher certified under Subsection (b-1)(2) for the English language component.

**ATTACHMENT II**  
**Text of Proposed Amendments to 19 TAC**

**Chapter 231. Requirements for Public School Personnel Assignments**

**Subchapter B. Prekindergarten-Grade 6 Assignments**

**§231.5. Bilingual, Prekindergarten.**

- (a) An assignment for Bilingual, Prekindergarten, is allowed with one of the following certificates.
- (1) Bilingual Generalist: Early Childhood-Grade 4.
  - (2) Bilingual Generalist: Early Childhood-Grade 6.
  - (3) A valid classroom teaching certificate appropriate for the grade level and subject areas taught plus any bilingual education certificate or endorsement ~~[one of the following]~~.  
~~[(A) Bilingual Education Supplemental.]~~  
~~[(B) Bilingual Education Supplemental (Early Childhood-Grade 4).]~~  
~~[(C) Bilingual Education Supplemental (Grades 4-8).]~~  
~~[(D) Bilingual Endorsement.]~~  
~~[(E) Bilingual/English as a Second Language Endorsement.]~~
  - (4) Early Childhood Education (Prekindergarten and Kindergarten).
    - (A) Initial assignments beginning with the 1991-1992 school year require the bilingual education delivery system or endorsement.
    - (B) Teachers assigned prior to the 1991-1992 school year are required to verify oral and written proficiency in the language of the target population as measured by examinations approved by the Texas Education Agency (TEA) by September 1, 1993, to be eligible for assignment.
  - (5) Elementary--General.
    - (A) Teachers assigned prior to the 1991-1992 school year are required to complete a minimum of 90 clock-hours of in-service training (may be advanced academic training) or six semester credit hours in early childhood education, inclusive of but not limited to child development or language acquisition, by September 1, 1993, to be eligible for assignment.
    - (B) Initial assignments beginning with the 1991-1992 school year require the early childhood education delivery system or endorsement and the bilingual education delivery system or endorsement.
    - (C) Teachers assigned prior to the 1991-1992 school year are required to verify oral and written proficiency in the language of the target population as measured by examinations approved by the TEA by September 1, 1993, to be eligible for assignment.
  - (6) Elementary--General (Grades 1-6).
    - (A) Teachers assigned prior to the 1991-1992 school year are required to complete a minimum of 90 clock-hours of in-service training (may be advanced academic training) or six semester credit hours in early childhood education, inclusive of but not limited to child development or language acquisition, by September 1, 1993, to be eligible for assignment.

- (B) Initial assignments beginning with the 1991-1992 school year require the early childhood education delivery system or endorsement and the bilingual education delivery system or endorsement.
  - (C) Teachers assigned prior to the 1991-1992 school year are required to verify oral and written proficiency in the language of the target population as measured by examinations approved by the TEA by September 1, 1993, to be eligible for assignment.
- (7) Elementary--General (Grades 1-8).
- (A) Teachers assigned prior to the 1991-1992 school year are required to complete a minimum of 90 clock-hours of in-service training (may be advanced academic training) or six semester credit hours in early childhood education, inclusive of but not limited to child development or language acquisition, by September 1, 1993, to be eligible for assignment.
  - (B) Initial assignments beginning with the 1991-1992 school year require the early childhood education delivery system or endorsement and the bilingual education delivery system or endorsement.
  - (C) Teachers assigned prior to the 1991-1992 school year are required to verify oral and written proficiency in the language of the target population as measured by examinations approved by the TEA by September 1, 1993, to be eligible for assignment.
- (8) Elementary Early Childhood Education (Prekindergarten-Grade 6).
- (A) Initial assignments beginning with the 1991-1992 school year require the bilingual education delivery system or endorsement.
  - (B) Teachers assigned prior to the 1991-1992 school year are required to verify oral and written proficiency in the language of the target population as measured by examinations approved by the TEA by September 1, 1993, to be eligible for assignment.
- (9) Elementary Self-Contained (Grades 1-8).
- (A) Teachers assigned prior to the 1991-1992 school year are required to complete a minimum of 90 clock-hours of in-service training (may be advanced academic training) or six semester credit hours in early childhood education, inclusive of but not limited to child development or language acquisition, by September 1, 1993, to be eligible for assignment.
  - (B) Initial assignments beginning with the 1991-1992 school year require the early childhood education delivery system or endorsement.
- (10) Elementary teacher certification with Bilingual Endorsement.
- (A) Teachers assigned prior to the 1991-1992 school year are required to complete a minimum of 90 clock-hours of in-service training (may be advanced academic training) or six semester credit hours in early childhood education, inclusive of but not limited to child development or language acquisition, by September 1, 1993, to be eligible for assignment.
  - (B) Initial assignments beginning with the 1991-1992 school year require the early childhood education delivery system or endorsement.
- (11) Prekindergarten-Grade 5--General.
- (A) Initial assignments beginning with the 1991-1992 school year require the bilingual education delivery system or endorsement.
  - (B) Teachers assigned prior to the 1991-1992 school year are required to verify oral and written proficiency in the language of the target population as measured by examinations approved by the TEA by September 1, 1993, to be eligible for assignment.

- (12) Prekindergarten-Grade 6--General.
- (A) Initial assignments beginning with the 1991-1992 school year require the bilingual education delivery system or endorsement.
- (B) Teachers assigned prior to the 1991-1992 school year are required to verify oral and written proficiency in the language of the target population as measured by examinations approved by the TEA by September 1, 1993, to be eligible for assignment.
- (13) Prekindergarten-Grade 6--Bilingual/English as a Second Language.
- (14) Prekindergarten-Grade 12--Bilingual/English as a Second Language.
- (15) Kindergarten.
- (A) Initial assignments beginning with the 1991-1992 school year require the bilingual education delivery system or endorsement.
- (B) Teachers assigned prior to the 1991-1992 school year are required to verify oral and written proficiency in the language of the target population as measured by examinations approved by the TEA by September 1, 1993, to be eligible for assignment.
- (16) Teacher of Young Children--General.
- (A) Initial assignments beginning with the 1991-1992 school year require the bilingual education delivery system or endorsement.
- (B) Teachers assigned prior to the 1991-1992 school year are required to verify oral and written proficiency in the language of the target population as measured by examinations approved by the TEA by September 1, 1993, to be eligible for assignment.
- (b) An assignment for the English component only of a dual language immersion/one-way or two-way bilingual education program model for Prekindergarten is allowed with a valid classroom teaching certificate appropriate for the grade level and subject areas taught plus a bilingual education certificate or endorsement or an English as a Second Language certificate or endorsement.

### §231.11. Bilingual, Kindergarten-Grade 6.

- (a) An assignment for Bilingual, Kindergarten-Grade 6, is allowed with one of the following certificates.
- (1) Bilingual Generalist: Early Childhood-Grade 4 (Kindergarten-Grade 4 only).
- (2) Bilingual Generalist: Early Childhood-Grade 6.
- (3) Bilingual Generalist: Grades 4-8 (Grades 4-6 only).
- (4) A valid classroom teaching certificate appropriate for the grade level and subject areas taught plus any bilingual education certificate or endorsement [one of the following] .
- ~~[(A) Bilingual Education Supplemental.]~~
- ~~[(B) Bilingual Education Supplemental (Early Childhood Grade 4).]~~
- ~~[(C) Bilingual Education Supplemental (Grades 4-8).]~~
- ~~[(D) Bilingual Endorsement.]~~
- ~~[(E) Bilingual/English as a Second Language Endorsement.]~~
- (5) Prekindergarten-Grade 5--Bilingual/English as a Second Language (Prekindergarten-Grade 5 only).
- (6) Prekindergarten-Grade 6--Bilingual/English as a Second Language.
- (7) Prekindergarten-Grade 12--Bilingual/English as a Second Language.
- (b) An assignment for the English component only of a dual language immersion/one-way or two-way bilingual education program model for Prekindergarten is allowed with a valid classroom teaching

certificate appropriate for the grade level and subject areas taught plus a bilingual education certificate or endorsement or an English as a Second Language certificate or endorsement.

### Subchapter C. Grades 6-8 Assignments

#### §231.77. Technology Applications, Grades 6-8.

An assignment in a departmentalized classroom for Technology Applications, Grades 6-8, is allowed with one of the following certificates.

- (1) Elementary teacher certificate plus verification of competency to teach computer literacy.
- (2) Grades 6-12 or Grades 6-8--Computer Information Systems.
- (3) Information Processing Technologies Endorsement (Level I or II).
- (4) Junior High School or High School--Computer Information Systems.
- (5) Secondary Computer Information Systems (Grades 6-12).
- (6) Secondary teacher certificate plus verification of competency to teach computer literacy.
- (7) Technology Applications: Early Childhood-Grade 12.
- ~~(8) Technology Applications: Grades 7-12.~~
- (8) ~~(9)~~ Technology Applications: Grades 8-12 (Grade 8 only).

### Subchapter D. Electives, Disciplinary Courses, Local Credit Courses, and Innovative Courses, Grades 6-12 Assignments

#### §231.91. Reserve Officer ~~[Officers']~~ Training Corps.

- (a) An assignment for Reserve Officer ~~[Officers']~~ Training Corps (ROTC), Grades 6-12 ~~[9-12]~~, is allowed with one of the following credentials ~~[an Emergency Permit]~~.
  - (1) Junior Reserve Officer Training Corps: Grades 6-12 certificate.
  - (2) Emergency permit for Reserve Officer Training Corps (ROTC), Grades 6-12.
- (b) An emergency permit ~~[Emergency Permit]~~ for ROTC may not be renewed, but must be reissued every year as specified in §230.77(g)(4) of this title (relating to Specific Requirements for Initial Emergency Permits).
- (c) ~~(b)~~ School districts must apply and pay for reissuance of a new ROTC instructor emergency permit each year the instructor serves.
- (d) ~~(c)~~ ROTC may be used for Physical Education substitution credit.

### 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) ~~[(12)]~~ 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) [(12)]~~ 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.

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**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.