

Item 12:**Adoption of Proposed Revisions to 19 TAC Chapter 231, Requirements for Public School Personnel Assignments, Subchapter B, Prekindergarten–Grade 6 Assignments; Subchapter C, Grades 6–8 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 adopt, subject to State Board of Education (SBOE) review, proposed revisions to 19 Texas Administrative Code (TAC) Chapter 231, Requirements for Public School Personnel Assignments, Subchapter B, Prekindergarten–Grade 6 Assignments; Subchapter C, Grades 6–8 Assignments; and Subchapter E, Grades 9–12 Assignments. The proposed revisions would incorporate courses approved by the State Board of Education (SBOE), would add certificate areas to the list of credentials appropriate for placement into an assignment, and would incorporate technical edits where needed to improve readability and align citations. No changes are recommended since published as proposed, but additional changes may be recommended at the time of the meeting based on public comment.

STATUTORY AUTHORITY: The statutory authority for 19 TAC Chapter 231 is the Texas Education Code (TEC), §§21.003(a), 21.031(a), 21.041(b)(1) and (2), and 21.064.

TEC, §21.003(a), states that a person may not be employed as a teacher, teacher intern or teacher trainee, librarian, educational aide, administrator, educational diagnostician, or school counselor by a school district unless the person holds an appropriate certificate or permit issued as provided by the TEC, Chapter 21, Subchapter B.

TEC, §21.031(a), states that the SBEC shall regulate and oversee all aspects of the certification, continuing education, and standards of conduct of public school educators.

TEC, §21.041(b)(1), requires the SBEC to propose rules that provide for the regulation of educators and the general administration of the TEC, Chapter 21, Subchapter B, in a manner consistent with the TEC, Chapter 21, Subchapter B.

TEC, §21.041(b)(2), requires the SBEC to propose rules that specify the classes of educator certificates to be issued, including emergency certificates.

TEC, §21.064, requires the SBEC to stop the issuance and renewal of master teacher certificates effective September 1, 2019, to add a designation of "legacy" to each master teacher certificate issued, and to recognize these certificates until they expire.

The full text of statutory citations can be found in the statutory authority section of this agenda.

EFFECTIVE DATE: The proposed effective date of the proposed revisions to 19 TAC Chapter 231 would be July 21, 2022 (20 days after filing as adopted with the *Texas Register*). The

proposed effective date is based on the SBEC and SBOE meeting schedules.

PREVIOUS BOARD ACTION: At the February 11, 2022 SBEC meeting, the SBEC approved the proposed revisions to 19 TAC Chapter 231, Requirements for Public School Personnel Assignments, Subchapter B, Prekindergarten–Grade 6 Assignments; Subchapter C, Grades 6–8 Assignments; and Subchapter E, Grades 9–12 Assignments, for publication in the *Texas Register* as proposed rules.

BACKGROUND INFORMATION AND JUSTIFICATION: The SBEC rules in 19 TAC Chapter 231 establish the personnel assignments that correlate with appropriate certifications and are organized as follows:

- Subchapter A, Criteria for Assignment of Public School Personnel;
- 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;
- Subchapter E, Grades 9–12 Assignments,
- Subchapter F, Special Education–Related Services Personnel Assignments, and
- Subchapter G, Paraprofessional Personnel, Administrators, and Other Instructional and Professional Support Assignments.

These subchapters offer guidance to school districts and educators by providing the list of courses by grade level and subject area and identifying the corresponding certificates and other requirements for placement of individuals into classroom and/or campus assignments.

Proposed revisions to 19 TAC Chapter 231, Subchapters B, C, and E, shown in Attachment II, are described below.

Subchapter B. Prekindergarten–Grade 6 Assignments

Science of Teaching Reading Personnel Assignments

To align with statutory requirements in House Bill (HB) 3, 86th Texas Legislature, Regular Session, 2019, the proposed amendments would add certificates that reflect the requirement that educators demonstrate proficiency in the science of teaching reading to teach certain courses. Changes to the following sections would add the appropriate certificates to teach those courses:

- §§231.3, 231.9, 231.21, 231.23, and 231.27 would add these certificates:
 - "Core Subjects with Science of Teaching Reading: Early Childhood–Grade 6" and
 - "Early Childhood: Prekindergarten–Grade 3"
- §231.15 and §231.17 would add these certificates:
 - "Core Subjects with Science of Teaching Reading: Early Childhood–Grade 6,"
 - "Early Childhood: Prekindergarten–Grade 3 (Prekindergarten–Grade 3 only)," and
 - "Core Subjects with Science of Teaching Reading: Grades 4–8 (Grades 4–6 only)"

- §231.25 and new §231.31 would add this certificate:
 - "Early Childhood: Prekindergarten–Grade 3 (Prekindergarten–Grade 3 only)"

Titles, Assignments, and Technical Changes

The proposed amendment to §231.11 would update the title to "Bilingual, Prekindergarten–Grade 6" to reflect the appropriate course title with the assignment and would provide technical edits to align the appropriate certificates with the course.

The proposed amendment to §231.13 would update the title to "English as a Second Language, Prekindergarten–Grade 6" to reflect the appropriate course title with the assignment.

The proposed amendment to §231.15 would update the title to "Elementary, Prekindergarten–Grade 6" to reflect the appropriate course title with the assignment and would provide technical edits to align the appropriate certificates with the course.

The proposed amendment to §231.17 would update the title to "Reading, Prekindergarten–Grade 6" to reflect the appropriate course title with the assignment and would provide technical edits to align the appropriate certificates with the course.

The proposed amendment to §231.19 would update the title to "Languages Other Than English, Prekindergarten–Grade 6," would add American Sign Language to the list of courses, and would provide technical edits to align the appropriate certificates with the course.

Proposed new §231.31, "Health, Prekindergarten–Grade 6," would add to the course offerings with existing certificates appropriate for the assignment and update content previously inadvertently left out of the rules.

Subchapter C. Grades 6–8 Assignments

Science of Teaching Reading Personnel Assignments:

To align with statutory requirements in HB 3, 86th Texas Legislature, Regular Session, 2019, the proposed amendments would add certificates that reflect the requirement that educators demonstrate proficiency in the science of teaching reading to teach certain courses. Changes to the following sections would add the appropriate certificates to teach those courses:

- §§231.41, 231.43, 231.45, 231.49, 231.51, 231.57, 231.61, and 231.63 would add these certificates:
 - "Core Subjects with Science of Teaching Reading: Early Childhood–Grade 6" and
 - "Core Subjects with Science of Teaching Reading: Grades 4–8"
- §§231.67, 231.69, 231.71, and 231.73 would add these certificates:
 - "Core Subjects with Science of Teaching Reading: Early Childhood–Grade 6"
- §231.59 and §231.65 would add this certificate:
 - "Core Subjects with Science of Teaching Reading: Grades 4–8"
- §§231.45, 231.49, and 231.51 would add these certificates:
 - "English Language Arts and Reading with Science of Teaching Reading: Grades 4–8," and

- "English Language Arts and Reading/Social Studies with Science of Teaching Reading: Grades 4–8"
- §231.57 and new §231.59 would add this certificate:
 - "English Language Arts and Reading/Social Studies with Science of Teaching Reading: Grades 4–8"

Titles, Assignments, and Technical Changes

The proposed amendment to §231.67, Health, Grades 6–8, would delete outdated certificate references in paragraphs (11) and (23) and provide further clarity around appropriate qualifications for the assignment. The remaining rules would be renumbered accordingly.

The proposed amendment to §231.69, Physical Education, Grades 6–8, would delete outdated certificate references in paragraphs (8) and (16) and provide further clarity around appropriate qualifications for the assignment. The remaining rules would be renumbered accordingly.

The proposed amendment to §231.79, Career Development, Grades 6–8, would add Technology Applications: Early Childhood–Grade 12 and Technology Applications: Grades 8–12 to the list of certificates appropriate to teach this course.

Subchapter E. Grades 9–12 Assignments

Titles, Assignments, and Technical Changes

Division 1. English Language Arts and Reading, Grades 9–12 Assignments.

The proposed amendments to §231.131, Writing, Grades 9–12, and §231.135, Journalism, Grades 9–12, would incorporate minor technical edits for both courses to remove nonexistent courses, correct course name titles, and delete outdated certificate and semester credit hour references. The remaining information in these sections would be renumbered accordingly, as applicable.

Division 2. Languages Other Than English, Grades 9–12 Assignments.

The proposed amendment to §231.153, American Sign Language, Grades 9–12, subsection (a), would add "or American Sign Language, Advanced Independent Study" to reflect a complete listing of courses for assignments to teach this subject at this grade level. All other information remains unchanged as presented in rule.

Division 3. Social Studies, Grades 9–12 Assignments.

The proposed amendment to §231.173, Economics with Emphasis on the Free Enterprise System and Its Benefits, Grades 9–12, would add "or Economics Advanced Studies" to reflect a complete listing of courses for assignments to teach this subject at this grade level. All other information remains unchanged as presented in rule.

Division 9. Career Development, Grades 9–12 Assignments.

The proposed amendment to §231.271, Career Development, Grades 9–12, subsections (a) and (c), would add Technology Applications: Early Childhood–Grade 12 and Technology Applications: Grades 8–12 to the list of certificates appropriate for the specified assignments.

Division 10. Agriculture, Food, and Natural Resources, Grades 9–12 Assignments.

The proposed amendment to §231.281, Agriculture, Food, and Natural Resources, Grades 9–12, would remove Energy and Natural Resource Technology from the list of courses to create proposed new §231.293, Energy and Natural Resource Technology, Grades 9–12, and list the certificates appropriate for placement into the assignment. The proposed change would clarify that individuals already teaching courses in the Renewable Energy Program of Study would also be eligible to teach this course.

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

The proposed amendments would incorporate a minor technical edit to the division title to read, "Arts, Audio/Video Technology, and Communications, Grades 9–12 Assignments." The technical edit would align the division title reference with all other course listings in rule.

Division 19. Human Services, Grades 9–12 Assignments.

The proposed amendment to §231.469, Cosmetology, Grades 9–12, would remove the reference to "a valid license as a cosmetology instructor issued by the Texas Department of Licensing and Regulation (TDLR)," eliminated during the 2021 legislative session, and would replace the reference to a required credential with "a valid Cosmetology Operator license or Class A Barber Operator license."

Proposed amendments as specified by divisions and sections would add Trade and Industrial Workforce Training: Grades 6–12 to the list of certificates appropriate for placement into the following assignments:

- Division 10: §231.289 and §231.291
- Division 11: §§231.301, 231.303, 231.305, 231.307, 231.309, 231.311, and 231.313
- Division 12: §§231.333, 231.335, 231.337, 231.339, and 231.341
- Division 16: §§231.401, 231.403, and 231.405
- Division 18: §231.441 and §231.443
- Division 20: §§231.481, 231.483, 231.485, 231.487, and 231.489
- Division 21: §231.501 and §231.503
- Division 22: §§231.521, 231.523, and 231.525
- Division 23: §231.543
- Division 25: §231.631 and §231.633

Aligning with SBOE and Necessary Updates

To reflect courses approved by the SBOE and to make other necessary updates, the changes proposed in the specified divisions below would identify the appropriate certificates and/or training requirements for placement into various assignments.

Division 14. Education and Training, Grades 9–12 Assignments.

The proposed amendment to §231.381, Education and Training, Grades 9–12, would add two new SBOE-approved courses: Practicum in Early Learning, Grades 9–12, and Extended Practicum in Early Learning, Grades 9–12. The proposed changes to subsections (b) and (c) would confirm that certificates and training requirements already established in rule are appropriate for assignment to teach the two new courses.

Division 17. Health Science, Grades 9–12 Assignments.

The proposed amendment to §231.421(a) would add the new SBOE-approved course, Pharmacy II, to the list of course offerings. The certificates already established in rule are applicable for placement into this new course assignment.

The proposed amendment to §231.421(b) would add the new SBOE-approved course, Medical Assistant, to the list of course offerings. The certificates already established in rule are applicable for placement into this new course assignment.

The proposed amendment to §231.423, Anatomy and Physiology, Medical Microbiology, and Pathophysiology, Grades 9–12, would add the new SBOE-approved course, Respiratory Therapy I, to the list of course offerings. The certificates already established in rule are applicable for placement into this new course assignment.

The proposed amendment to §231.425, Mathematics for Medical Professionals, Grades 9–12, would add the new SBOE-approved course, Medical Coding and Billing, to the list of course offerings. The certificates already established in rule are applicable for placement into this new course assignment.

The proposed amendment to §231.427, Health Informatics, Grades 9–12, would delete business, office education, and marketing certificates specified in paragraphs (5) through (9). These proposed changes align with SBOE changes to content prerequisites to teach this course.

Proposed new §231.429, Healthcare Administration and Management; Leadership and Management in Nursing, Grades 9–12, would add two new SBOE-approved courses and the certificates appropriate for placement into these course assignments.

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

The proposed amendments to this division would delete references to Science, Technology, Engineering, and Mathematics: Grades 6–12 certificate from 12 sections: §§231.561, 231.563, 231.565, 231.567, 231.569, 231.571, 231.573, 231.575, 231.577, 231.579, 231.581, and 231.583. A Science, Technology, Engineering, and Mathematics (STEM) certificate does not exist, nor are there any plans to create an SBEC-issued certificate for this subject area. The proposed deletion of references to this non-existent certificate will reduce confusion in the field regarding STEM certification. The remaining information in these sections would be renumbered accordingly, as applicable.

The proposed amendments would also add Trade and Industrial Education: Grades 6–12, Trade and Industrial Education: Grades 8–12, and Trade and Industrial Workforce Training:

Grades 6–12 certificates, as applicable, to the list of credentials appropriate for placement into assignments specified in 16 sections: §§231.561, 231.563, 231.565, 231.567, 231.569, 231.571, 231.573, 231.575, 231.577, 231.579, 231.581, 231.583, 231.587, 231.589, 231.591, and 231.593. The remaining information in these sections would be renumbered accordingly, as applicable.

Division 26. Energy, Grades 9–12 Assignments.

The proposed amendment to §231.651, Energy and Natural Resources, Grades 9–12, would change the heading to "Energy" for this series of course listings and add the Trade and Industrial Workforce Training: Grades 6–12 certificate to the list of credentials appropriate to teach the specified courses. The remaining information in these sections would be renumbered accordingly, and as applicable.

No changes are recommended to the proposed revisions to 19 TAC Chapter 231, Requirements for Public School Personnel Assignments, Subchapter B, Prekindergarten–Grade 6 Assignments; Subchapter C, Grades 6–8 Assignments; and Subchapter E, Grades 9–12 Assignments, but additional changes may be recommended at the time of the meeting based on public comment.

FISCAL IMPACT: No changes have been made to this section since published as proposed. The Texas Education Agency (TEA) staff has determined that there is no additional fiscal impact on state and local governments and that there are no additional costs to entities required to comply with the proposal.

LOCAL EMPLOYMENT IMPACT: No changes have been made to this section since published as proposed. The proposal has no effect on local economy; therefore, no local employment impact statement is required under Texas Government Code (TGC), §2001.022.

SMALL BUSINESS, MICROBUSINESS, AND RURAL COMMUNITY IMPACT: No changes have been made to this section since published as proposed. The proposal has no direct adverse economic impact for small businesses, microbusinesses, or rural communities; therefore, no regulatory flexibility analysis, specified in TGC, §2006.002, is required.

COST INCREASE TO REGULATED PERSONS: No changes have been made to this section since published as proposed. The proposal does not impose a cost on regulated persons, another state agency, a special district, or a local government and, therefore, is not subject to TGC, §2001.0045.

TAKINGS IMPACT ASSESSMENT: No changes have been made to this section since published as proposed. The proposal does not impose a burden on private real property and, therefore, does not constitute a taking under TGC, §2007.043.

GOVERNMENT GROWTH IMPACT: No changes have been made to this section since published as proposed. The TEA staff prepared a Government Growth Impact Statement assessment for this proposed rulemaking. During the first five years the proposed rulemaking would be in effect, it would not create or eliminate a government program; would not require the creation of new employee positions or elimination of existing employee positions; would not require an increase or decrease in future legislative appropriations to the agency; would not require an increase or decrease in fees paid to the agency; would not create a new regulation;

would not expand, limit, or repeal an existing regulation; would not increase or decrease the number of individuals subject to its applicability; and would not positively or adversely affect the state's economy.

PUBLIC BENEFIT AND COST TO PERSONS: No changes have been made to this section since published as proposed. The public benefit anticipated as a result of the proposal would be clear guidance for districts on appropriate credentials for placement of individuals into classroom, administrative, and support personnel assignments. The TEA staff has determined there is no anticipated cost to persons who are required to comply with the proposal.

DATA AND REPORTING IMPACT: No changes have been made to this section since published as proposed. The proposal would have no new data and reporting impact.

PRINCIPAL AND CLASSROOM TEACHER PAPERWORK REQUIREMENTS: No changes have been made to this section since published as proposed. The TEA staff has determined the proposal would not require a written report or other paperwork to be completed by a principal or classroom teacher.

PUBLIC COMMENTS: The public comment period on the proposal began March 18, 2022, and ended April 18, 2022. Any comments received will be provided to the SBEC under separate cover prior to the April 29, 2022 meeting. The SBEC will take registered oral and written comments on the proposal at the April 29, 2022 meeting in accordance with the SBEC board operating policies and procedures.

ASSOCIATE COMMISSIONER'S RECOMMENDATION:

Approve for adoption, subject to the State Board of Education (SBOE) review, the proposed revisions to 19 TAC Chapter 231, Requirements for Public School Personnel Assignments, Subchapter B, Prekindergarten–Grade 6 Assignments; Subchapter C, Grades 6–8 Assignments; and Subchapter E, Grades 9–12 Assignments, with an effective date of 20 days after filing the adoption notice with the *Texas Register*.

Staff Member Responsible:

Marilyn Cook, Director, Educator Certification

Attachment:

Text of Proposed Revisions to 19 TAC Chapter 231, Requirements for Public School Personnel Assignments, Subchapter B, Prekindergarten–Grade 6 Assignments; Subchapter C, Grades 6–8 Assignments; and Subchapter E, Grades 9–12 Assignments
(Attachment)

ATTACHMENT
[\(Back to Attachments List\)](#)
Text of Proposed Revisions to 19 TAC

Chapter 231. Requirements for Public School Personnel Assignments

Subchapter B. Prekindergarten-Grade 6 Assignments

§231.3. General Education, Prekindergarten.

- (a) All-level certification in art, health education, music, physical education, speech communication and theatre arts, or theatre may be assigned to teach in the certified area(s) in Prekindergarten-Grade 12.
- (b) An assignment for General Education, Prekindergarten, is allowed with one of the following certificates.
- (1) Bilingual Generalist: Early Childhood-Grade 4.
 - (2) Bilingual Generalist: Early Childhood-Grade 6.
 - (3) Core Subjects: Early Childhood-Grade 6.
 - (4) Core Subjects with Science of Teaching Reading: Early Childhood-Grade 6.
 - (5) Early Childhood: Prekindergarten-Grade 3.
 - (6) ~~(4)~~ Early Childhood Education (Prekindergarten and Kindergarten).
 - (7) ~~(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.
 - (8) ~~(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.
 - (9) ~~(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.
 - (10) ~~(8)~~ Elementary Early Childhood Education (Prekindergarten-Grade 6).
 - (11) ~~(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.
- (12) ~~(10)~~ English as a Second Language Generalist: Early Childhood-Grade 4.
- (13) ~~(11)~~ English as a Second Language Generalist: Early Childhood-Grade 6.
- (14) ~~(12)~~ Generalist: Early Childhood-Grade 4.
- (15) ~~(13)~~ Generalist: Early Childhood-Grade 6.
- (16) ~~(14)~~ Kindergarten.
- (17) ~~(15)~~ Legacy Master Mathematics Teacher (Early Childhood-Grade 4) (Mathematics only).
- (18) ~~(16)~~ Legacy Master Reading Teacher (Early Childhood-Grade 12) (Reading only).
- (19) ~~(17)~~ Legacy Master Science Teacher (Early Childhood-Grade 4) (Science only).
- (20) ~~(18)~~ Prekindergarten-Grade 5.
- (21) ~~(19)~~ Prekindergarten-Grade 6.
- (22) ~~(20)~~ Teacher of Young Children--General.

§231.9. General Education, Kindergarten.

- (a) All-level certification in art, health education, music, physical education, speech communication and theatre arts, or theatre may be assigned to teach in the certified area(s) in Prekindergarten-Grade 12.
- (b) An assignment for General Education, Kindergarten, is allowed with one of the following certificates.
- (1) Bilingual Generalist: Early Childhood-Grade 4.
- (2) Bilingual Generalist: Early Childhood-Grade 6.
- (3) Core Subjects: Early Childhood-Grade 6.
- (4) ~~Core Subjects with Science of Teaching Reading: Early Childhood-Grade 6.~~
- (5) ~~Early Childhood: Prekindergarten-Grade 3.~~
- (6) ~~(4)~~ Early Childhood Education (Prekindergarten and Kindergarten).
- (7) ~~(5)~~ Elementary Early Childhood Education (Prekindergarten-Grade 6).
- (8) ~~(6)~~ English as a Second Language Generalist: Early Childhood-Grade 4.
- (9) ~~(7)~~ English as a Second Language Generalist: Early Childhood-Grade 6.
- (10) ~~(8)~~ Generalist: Early Childhood-Grade 4.
- (11) ~~(9)~~ Generalist: Early Childhood-Grade 6.
- (12) ~~(10)~~ Kindergarten.
- (13) ~~(11)~~ Legacy Master Mathematics Teacher (Early Childhood-Grade 4) (Mathematics only).
- (14) ~~(12)~~ Legacy Master Reading Teacher (Early Childhood-Grade 12) (Reading only).
- (15) ~~(13)~~ Legacy Master Science Teacher (Early Childhood-Grade 4) (Science only).
- (16) ~~(14)~~ Prekindergarten-Grade 5--General.
- (17) ~~(15)~~ Prekindergarten-Grade 6--General.

(18) ~~(16)~~ Teacher of Young Children--General.

§231.11. Bilingual, Prekindergarten-Grade 6, ~~[Kindergarten-Grade 6]~~

- (a) An assignment for Bilingual, Prekindergarten-Grade 6, ~~[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.
 - (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-Grade 6 ~~[Kindergarten-Grade 6]~~ 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.

§231.13. English as a Second Language, Prekindergarten-Grade 6, ~~[Kindergarten-Grade 6]~~

An assignment for English as a Second Language, Prekindergarten-Grade 6, ~~[Kindergarten-Grade 6]~~ is allowed with one of the following certificates.

- (1) An elementary certified teacher with a valid English as a Second Language supplemental certificate or endorsement or bilingual education supplemental certificate or endorsement may be assigned to teach English as a Second Language at the kindergarten level.
- (2) A valid classroom teaching certificate appropriate for the grade level and subject areas taught plus 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.
 - (F) English as a Second Language Endorsement.
 - (G) English as a Second Language Supplemental.
- (3) Bilingual Generalist: Early Childhood-Grade 4 (Kindergarten-Grade 4 only).
- (4) Bilingual Generalist: Early Childhood-Grade 6.
- (5) Bilingual Generalist: Grades 4-8 (Grades 4-6 only).
- (6) English as a Second Language Generalist: Early Childhood-Grade 4 (Kindergarten-Grade 4 only).
- (7) English as a Second Language Generalist: Early Childhood-Grade 6.
- (8) English as a Second Language Generalist: Grades 4-8 (Grades 4-6 only).
- (9) Prekindergarten-Grade 5--Bilingual/English as a Second Language (Prekindergarten-Grade 5 only).

- (10) Prekindergarten-Grade 6--Bilingual/English as a Second Language.
- (11) Prekindergarten-Grade 12--English as a Second Language.
- (12) Prekindergarten-Grade 12--Bilingual/English as a Second Language.
- (13) Teacher certificate appropriate for grade level of assignment and assigned to teach English as a Second Language in an approved English as a Second Language program during the 1981-1982 school year in the same school district.

§231.15. Elementary, Prekindergarten-Grade 6. [~~Grades 1-6.~~]

An assignment for Elementary, Prekindergarten-Grade 6. [~~Grades 1-6.~~] is allowed with one of the following certificates.

- (1) Bilingual Generalist: Early Childhood-Grade 4 (Grades 1-4 only).
- (2) Bilingual Generalist: Early Childhood-Grade 6.
- (3) Bilingual Generalist: Grades 4-8 (Grades 4-6 only).
- (4) Core Subjects: Early Childhood-Grade 6.
- (5) Core Subjects with Science of Teaching Reading: Early Childhood-Grade 6.
- (6) Early Childhood: Prekindergarten-Grade 3 (Prekindergarten-Grade 3 only).
- (7) [~~5~~] Core Subjects: Grades 4-8 (Grades 4-6 only).
- (8) Core Subjects with Science of Teaching Reading: Grades 4-8 (Grades 4-6 only).
- (9) [~~6~~] Elementary--General.
- (10) [~~7~~] Elementary--General (Grades 1-6).
- (11) [~~8~~] Elementary--General (Grades 1-8).
- (12) [~~9~~] Elementary Early Childhood Education (Prekindergarten-Grade 6).
- (13) [~~10~~] Elementary Self-Contained (Grades 1-8).
- (14) [~~11~~] English as a Second Language Generalist: Early Childhood-Grade 4 (Grades 1-4 only).
- (15) [~~12~~] English as a Second Language Generalist: Early Childhood-Grade 6.
- (16) [~~13~~] English as a Second Language Generalist: Grades 4-8 (Grades 4-6 only).
- (17) [~~14~~] Generalist: Early Childhood-Grade 4 (Grades 1-4 only).
- (18) [~~15~~] Generalist: Early Childhood-Grade 6.
- (19) [~~16~~] Generalist: Grades 4-8 (Grades 4-6 only).
- (20) [~~17~~] Legacy Master Mathematics Teacher (Early Childhood-Grade 4) (Mathematics in Grades 1-4 only).
- (21) [~~18~~] Legacy Master Mathematics Teacher (Grades 4-8) (Mathematics in Grades 4-6 only).
- (22) [~~19~~] Legacy Master Reading Teacher (Early Childhood-Grade 12) (Reading in Grades 1-6 only).
- (23) [~~20~~] Legacy Master Science Teacher (Early Childhood-Grade 4) (Science in Grades 1-4 only).
- (24) [~~21~~] Legacy Master Science Teacher (Grades 4-8) (Science in Grades 4-6 only).
- (25) [~~22~~] Prekindergarten-Grade 5--General (Grades 1-5 only).
- (26) [~~23~~] Prekindergarten-Grade 6--General.
- (27) [~~24~~] Teacher of Young Children--General (Grades 1-3 only).

§231.17. Reading, Prekindergarten-Grade 6, [Grades 1-6.]

An assignment for Reading, Prekindergarten-Grade 6, [Grades 1-6.] is allowed with one of the following certificates.

- (1) A teacher certificate that matches the subject and grade level of the assignment (Prekindergarten-Grade 6).
- (2) An elementary teacher certificate appropriate for Grades 1-6 assignment.
- (3) Bilingual Generalist: Early Childhood-Grade 4 (Grades 1-4 only).
- (4) Bilingual Generalist: Early Childhood-Grade 6.
- (5) Bilingual Generalist: Grades 4-8 (Grades 4-6 only).
- (6) Core Subjects: Early Childhood-Grade 6.
- (7) Core Subjects with Science of Teaching Reading: Early Childhood-Grade 6.
- (8) Early Childhood: Prekindergarten-Grade 3 (Prekindergarten-Grade 3 only).
- (9) ~~(7)~~ Core Subjects: Grades 4-8 (Grades 4-6 only).
- (10) Core Subjects with Science of Teaching Reading: Grades 4-8 (Grades 4-6 only).
- (11) ~~(8)~~ English as a Second Language Generalist: Early Childhood-Grade 4 (Grades 1-4 only).
- (12) ~~(9)~~ English as a Second Language Generalist: Early Childhood-Grade 6.
- (13) ~~(10)~~ English as a Second Language Generalist: Grades 4-8 (Grades 4-6 only).
- (14) ~~(11)~~ English Language Arts and Reading: Grades 4-8 (Grades 4-6 only).
- (15) ~~(12)~~ English Language Arts and Reading/Social Studies: Grades 4-8 (Grades 4-6 only).
- (16) ~~(13)~~ Generalist: Early Childhood-Grade 4 (Grades 1-4 only).
- (17) ~~(14)~~ Generalist: Early Childhood-Grade 6.
- (18) ~~(15)~~ Generalist: Grades 4-8 (Grades 4-6 only).
- (19) ~~(16)~~ Legacy Master Reading Teacher (Early Childhood-Grade-12).
- (20) ~~(17)~~ Reading Specialist.
- (21) ~~(18)~~ Reading Specialist (Early Childhood-Grade 12).

§231.19. Languages Other Than English, Prekindergarten-Grade 6, [Grades 1-6.]

An assignment for Languages Other Than English, Classical Languages, American Sign Language, or Discovering Languages and Cultures, Prekindergarten-Grade 6, [Grades 1-6.] is allowed with one of the following certificates.

- (1) A teacher certificate that matches the subject and grade level of the assignment Prekindergarten-Grade 6, [Grades 1-6.]
- (2) A Languages Other Than English certificate in the appropriate language (Early Childhood-Grade 12).
- (3) A secondary teacher certificate with a teaching field in the language of assignment plus six semester credit hours of elementary education.

§231.21. Art, Prekindergarten-Grade 6.

An assignment for Art, Prekindergarten-Grade 6, is allowed with one of the following certificates.

- (1) A teacher certificate that matches the subject and grade level of the assignment (Prekindergarten-Grade 6).

- (2) All-Level Art.
- (3) All-Level Art (Prekindergarten-Grade 12).
- (4) Art: Early Childhood-Grade 12.
- (5) Bilingual Generalist: Early Childhood-Grade 4 (Early Childhood-Grade 4 only).
- (6) Bilingual Generalist: Early Childhood-Grade 6.
- (7) Core Subjects: Early Childhood-Grade 6.
- ~~(8) Core Subjects with Science of Teaching Reading: Early Childhood-Grade 6.~~
- ~~(9) Early Childhood: Prekindergarten-Grade 3 (Prekindergarten-Grade 3 only).~~
- ~~(10) ~~(8)~~ Early Childhood Education (Prekindergarten and Kindergarten only).~~
- ~~(11) ~~(9)~~ English as a Second Language Generalist: Early Childhood-Grade 4 (Early Childhood-Grade 4 only).~~
- ~~(12) ~~(10)~~ English as a Second Language Generalist: Early Childhood-Grade 6.~~
- ~~(13) ~~(11)~~ Generalist: Early Childhood-Grade 4 (Early Childhood-Grade 4 only).~~
- ~~(14) ~~(12)~~ Generalist: Early Childhood-Grade 6.~~

§231.23. Music, Prekindergarten-Grade 6.

An assignment for Music, Prekindergarten-Grade 6, is allowed with one of the following certificates.

- (1) A teacher certificate that matches the subject and grade level of the assignment (Prekindergarten-Grade 6).
- (2) All-Level Music.
- (3) All-Level Music (Prekindergarten-Grade 12).
- (4) Bilingual Generalist: Early Childhood-Grade 4 (Early Childhood-Grade 4 only).
- (5) Bilingual Generalist: Early Childhood-Grade 6.
- (6) Core Subjects: Early Childhood-Grade 6.
- ~~(7) Core Subjects with Science of Teaching Reading: Early Childhood-Grade 6.~~
- ~~(8) Early Childhood: Prekindergarten-Grade 3 (Prekindergarten-Grade 3 only).~~
- ~~(9) ~~(7)~~ Early Childhood Education (Prekindergarten and Kindergarten only).~~
- ~~(10) ~~(8)~~ English as a Second Language Generalist: Early Childhood-Grade 4 (Early Childhood-Grade 4 only).~~
- ~~(11) ~~(9)~~ English as a Second Language Generalist: Early Childhood-Grade 6.~~
- ~~(12) ~~(10)~~ Generalist: Early Childhood-Grade 4 (Early Childhood-Grade 4 only).~~
- ~~(13) ~~(11)~~ Generalist: Early Childhood-Grade 6.~~
- ~~(14) ~~(12)~~ Music: Early Childhood-Grade 12.~~

§231.25. Theatre, Prekindergarten-Grade 6.

An assignment for Theatre, Prekindergarten-Grade 6, is allowed with one of the following certificates.

- (1) All-Level Speech and Drama.
- (2) All-Level Speech Communications/Theatre Arts.
- (3) All-Level Theatre Arts.

- (4) An elementary teacher certificate appropriate for Prekindergarten-Grade 6 assignment.
- ~~(5) Early Childhood: Prekindergarten-Grade 3 (Prekindergarten-Grade 3 only).~~
- ~~(6) [(5)] Early Childhood Education (Prekindergarten and Kindergarten only).~~
- ~~(7) [(6)] Theatre: Early Childhood-Grade 12.~~

§231.27. Physical Education, Prekindergarten-Grade 6.

An assignment for Physical Education, Prekindergarten-Grade 6, is allowed with one of the following certificates.

- (1) A teacher certificate that matches the subject and grade level of the assignment (Prekindergarten-Grade 6).
- (2) All-Level Physical Education.
- (3) All-Level Health and Physical Education.
- (4) An elementary teacher certificate appropriate for Prekindergarten-Grade 6 assignment.
- (5) Bilingual Generalist: Early Childhood-Grade 4 (Early Childhood-Grade 4 only).
- (6) Bilingual Generalist: Early Childhood-Grade 6.
- (7) Core Subjects: Early Childhood-Grade 6.
- ~~(8) Core Subjects with Science of Teaching Reading: Early Childhood-Grade 6.~~
- ~~(9) Early Childhood: Prekindergarten-Grade 3 (Prekindergarten-Grade 3 only).~~
- ~~(10) [(8)] Early Childhood Education (Prekindergarten and Kindergarten only).~~
- ~~(11) [(9)] English as a Second Language Generalist: Early Childhood-Grade 4 (Early Childhood-Grade 4 only).~~
- ~~(12) [(10)] English as a Second Language Generalist: Early Childhood-Grade 6.~~
- ~~(13) [(11)] Generalist: Early Childhood-Grade 4 (Early Childhood-Grade 4 only).~~
- ~~(14) [(12)] Generalist: Early Childhood-Grade 6.~~
- ~~(15) [(13)] Physical Education: Early Childhood-Grade 12.~~

§231.31. Health Education, Prekindergarten-Grade 6.

An assignment for Health Education, Prekindergarten-Grade 6, is allowed with one of the following certificates.

- ~~(1) A teacher certificate that matches the subject and grade level of the assignment (Prekindergarten-Grade 6).~~
- ~~(2) All-Level Physical Education.~~
- ~~(3) All-Level Health and Physical Education.~~
- ~~(4) An elementary teacher certificate appropriate for Prekindergarten-Grade 6 assignment.~~
- ~~(5) Bilingual Generalist: Early Childhood-Grade 4 (Early Childhood-Grade 4 only).~~
- ~~(6) Bilingual Generalist: Early Childhood-Grade 6.~~
- ~~(7) Core Subjects: Early Childhood-Grade 6.~~
- ~~(8) Core Subjects with Science of Teaching Reading: Early Childhood-Grade 6.~~
- ~~(9) Early Childhood: Prekindergarten-Grade 3 (Prekindergarten-Grade 3 only).~~
- ~~(10) Early Childhood Education (Prekindergarten and Kindergarten only).~~

- (11) English as a Second Language Generalist: Early Childhood-Grade 4 (Early Childhood-Grade 4 only).
- (12) English as a Second Language Generalist: Early Childhood-Grade 6.
- (13) Generalist: Early Childhood-Grade 4 (Early Childhood-Grade 4 only).
- (14) Generalist: Early Childhood-Grade 6.
- (15) Physical Education: Early Childhood-Grade 12.

Subchapter C. Grades 6-8 Assignments

§231.41. Self-Contained, Grades 6-8.

- (a) Self-contained is defined as a class in which one teacher teaches all or most subjects to one class of students.
- (b) An assignment in a self-contained classroom for All General Subjects, Grades 6-8, is allowed with one of the following certificates.
 - (1) Bilingual Generalist: Early Childhood-Grade 6 (Grade 6 only).
 - (2) Bilingual Generalist: Grades 4-8 (English language arts, mathematics, science, and social studies only).
 - (3) Core Subjects: Early Childhood-Grade 6 (Grade 6 only).
 - (4) Core Subjects with Science of Teaching Reading: Early Childhood-Grade 6 (Grade 6 only).
 - (5) ~~(4)~~ Core Subjects: Grades 4-8 (English language arts, mathematics, science, and social studies only).
 - (6) Core Subjects with Science of Teaching Reading: Grades 4-8 (English language arts, mathematics, science, and social studies only).
 - (7) ~~(5)~~ Elementary--General.
 - (8) ~~(6)~~ Elementary--General (Grades 1-6) (Grade 6 only).
 - (9) ~~(7)~~ Elementary--General (Grades 1-8).
 - (10) ~~(8)~~ Elementary Early Childhood Education (Prekindergarten-Grade 6) (Grade 6 only).
 - (11) ~~(9)~~ Elementary Self-Contained (Grades 1-8).
 - (12) ~~(10)~~ English as a Second Language Generalist: Early Childhood-Grade 6 (Grade 6 only).
 - (13) ~~(11)~~ English as a Second Language Generalist: Grades 4-8 (English language arts, mathematics, science, and social studies only).
 - (14) ~~(12)~~ Generalist: Early Childhood-Grade 6 (Grade 6 only).
 - (15) ~~(13)~~ Generalist: Grades 4-8 (English language arts, mathematics, science, and social studies only).
 - (16) ~~(14)~~ Prekindergarten-Grade 6--General (Grade 6 only).

§231.43. All General Subjects, Grade 6.

- (a) An assignment in a departmentalized classroom for All General Subjects, Grade 6, for a holder of a valid elementary level certificate is allowed with one of the following certificates.
 - (1) Any elementary teacher certificate appropriate for Grade 6.
 - (2) Bilingual Generalist: Early Childhood-Grade 6.
 - (3) Bilingual Generalist: Grades 4-8 (English language arts, mathematics, science, and social studies only).

- (4) Core Subjects: Early Childhood-Grade 6.
- (5) Core Subjects with Science of Teaching Reading: Early Childhood-Grade 6.
- (6) ~~(5)~~ Core Subjects: Grades 4-8 (English language arts, mathematics, science, and social studies only).
- (7) Core Subjects with Science of Teaching Reading: Grades 4-8 (English language arts, mathematics, science, and social studies only).
- (8) ~~(6)~~ English as a Second Language Generalist: Early Childhood-Grade 6.
- (9) ~~(7)~~ English as a Second Language Generalist: Grades 4-8 (English, language arts, mathematics, science, and social studies only).
- (10) ~~(8)~~ Generalist: Early Childhood-Grade 6.
- (11) ~~(9)~~ Generalist: Grades 4-8 (English language arts, mathematics, science, and social studies only).
- (b) Requirements for a holder of a secondary or all-level certificate in a departmentalized Grades 6-8 assignment are specified for each subject area in this subchapter.

§231.45. English Language Arts, Grades 6-8.

An assignment in a departmentalized classroom for English Language Arts, Grades 6-8, for a holder of a valid elementary, secondary, or all-level certificate is allowed with one of the following certificates.

- (1) Bilingual Generalist: Early Childhood-Grade 6 (Grade 6 only).
- (2) Bilingual Generalist: Grades 4-8.
- (3) Core Subjects: Early Childhood-Grade 6 (Grade 6 only).
- (4) Core Subjects with Science of Teaching Reading: Early Childhood-Grade 6 (Grade 6 only).
- (5) ~~(4)~~ Core Subjects: Grades 4-8.
- (6) Core Subjects with Science of Teaching Reading: Grades 4-8.
- (7) ~~(5)~~ Elementary English (Grades 1-8).
- (8) ~~(6)~~ Elementary teacher certificate plus 18 semester credit hours in English.
- (9) ~~(7)~~ English as a Second Language Generalist: Early Childhood-Grade 6 (Grade 6 only).
- (10) ~~(8)~~ English as a Second Language Generalist: Grades 4-8.
- (11) ~~(9)~~ English Language Arts and Reading: Grades 4-8.
- (12) English Language Arts and Reading with Science of Teaching Reading: Grades 4-8.
- (13) ~~(10)~~ English Language Arts and Reading/Social Studies: Grades 4-8.
- (14) English Language Arts and Reading/Social Studies with Science of Teaching Reading: Grades 4-8.
- (15) ~~(11)~~ English Language Arts and Reading: Grades 7-12 (Grades 7 and 8 only).
- (16) ~~(12)~~ English Language Arts and Reading: Grades 8-12 (Grade 8 only).
- (17) ~~(13)~~ Generalist: Early Childhood-Grade 6 (Grade 6 only).
- (18) ~~(14)~~ Generalist: Grades 4-8.
- (19) ~~(15)~~ Grades 6-12 or Grades 6-8--English.
- (20) ~~(16)~~ Grades 6-12 or Grades 6-8--English Language Arts, Composite.
- (21) ~~(17)~~ Junior High School or High School--English.
- (22) ~~(18)~~ Junior High School or High School--English Language Arts, Composite.

- (23) [~~19~~] Secondary English (Grades 6-12).
(24) [~~20~~] Secondary English Language Arts, Composite (Grades 6-12).
(25) [~~21~~] Secondary or all-level teacher certificate plus 18 semester credit hours in English.

§231.49. Reading (At or Above Grade Level), Grades 6-8.

An assignment in a departmentalized classroom for Reading (at or above grade level), Grades 6-8, for a holder of a valid elementary, secondary, or all-level certificate is allowed with one of the following certificates.

- (1) Bilingual Generalist: Early Childhood-Grade 6 (Grade 6 only).
(2) Bilingual Generalist: Grades 4-8.
(3) Core Subjects: Early Childhood-Grade 6 (Grade 6 only).
(4) Core Subjects with Science of Teaching Reading: Early Childhood-Grade 6 (Grade 6 only).
(5) [~~4~~] Core Subjects: Grades 4-8.
(6) Core Subjects with Science of Teaching Reading: Grades 4-8.
(7) [~~5~~] Elementary English (Grades 1-8). This assignment requires verifiable preparation in teaching of reading such as in-service, seminar, or college course in reading. Initial assignments beginning with the 1990-1991 school year require nine semester credit hours of upper-division coursework in reading with at least one course in diagnostic reading techniques.
(8) [~~6~~] Elementary Reading (Grades 1-8).
(9) [~~7~~] Elementary teacher certificate plus 18 semester credit hours in English and nine semester credit hours of upper-division coursework in reading with at least one course in diagnostic reading techniques.
(10) [~~8~~] English as a Second Language Generalist: Early Childhood-Grade 6 (Grade 6 only).
(11) [~~9~~] English as a Second Language Generalist: Grades 4-8.
(12) [~~10~~] English Language Arts and Reading: Grades 4-8.
(13) English Language Arts and Reading with Science of Teaching Reading: Grades 4-8.
(14) [~~11~~] English Language Arts and Reading: Grades 7-12 (Grades 7 and 8 only).
(15) [~~12~~] English Language Arts and Reading: Grades 8-12 (Grade 8 only).
(16) [~~13~~] English Language Arts and Reading/Social Studies: Grades 4-8.
(17) English Language Arts and Reading/Social Studies with Science of Teaching Reading: Grades 4-8.
(18) [~~14~~] Generalist: Early Childhood-Grade 6 (Grade 6 only).
(19) [~~15~~] Generalist: Grades 4-8.
(20) [~~16~~] Junior High School or High School--English.
(21) [~~17~~] Junior High School or High School--English Language Arts, Composite. This assignment includes at least six semester credit hours of reading. Initial assignments beginning with the 2003-2004 school year require nine semester credit hours of upper-division coursework in reading with at least one course in diagnostic reading techniques.
(22) [~~18~~] Junior High School or High School--Reading.
(23) [~~19~~] Legacy Master Reading Teacher (Early Childhood-Grade 12).
(24) [~~20~~] Reading Specialist.

- (25) [~~21~~] Reading Specialist (Early Childhood-Grade 12).
- (26) [~~22~~] Secondary English (Grades 6-8). This assignment requires verifiable preparation in teaching of reading such as in-service, seminar, or college course in reading. Initial assignments beginning with the 1990-1991 school year require nine semester credit hours of upper-division coursework in reading with at least one course in diagnostic reading techniques.
- (27) [~~23~~] Secondary English Language Arts, Composite (Grades 6-8). This assignment includes at least six semester credit hours of reading. Initial assignments beginning with the 2003-2004 school year require nine semester credit hours of upper-division coursework in reading with at least one course in diagnostic reading techniques.
- (28) [~~24~~] Secondary Reading (Grades 6-8).
- (29) [~~25~~] Secondary English (Grades 6-12). This assignment requires verifiable preparation in teaching of reading such as in-service, seminar, or college course in reading. Initial assignments beginning with the 1990-1991 school year require nine semester credit hours of upper-division coursework in reading with at least one course in diagnostic reading techniques.
- (30) [~~26~~] Secondary English Language Arts, Composite (Grades 6-12). This assignment includes at least six semester credit hours of reading. Initial assignments beginning with the 2003-2004 school year require nine semester credit hours of upper-division coursework in reading with at least one course in diagnostic reading techniques.
- (31) [~~27~~] Secondary Reading (Grades 6-12).
- (32) [~~28~~] Secondary or all-level teacher certificate plus 18 semester credit hours in English and nine semester credit hours of upper-division coursework in reading with at least one course in diagnostic reading techniques.

§231.51. Reading Improvement (One Year or More Below Grade Level), Grades 6-8.

An assignment in a departmentalized classroom for Reading Improvement (one year or more below grade level), Grades 6-8, for a holder of a valid elementary, secondary, or all-level certificate is allowed with one of the following certificates.

- (1) Bilingual Generalist: Early Childhood-Grade 6 (Grade 6 only).
- (2) Bilingual Generalist: Grades 4-8.
- (3) Core Subjects: Early Childhood-Grade 6 (Grade 6 only).
- (4) Core Subjects with Science of Teaching Reading: Early Childhood-Grade 6 (Grade 6 only).
- (5) [~~4~~] Core Subjects: Grades 4-8.
- (6) Core Subjects with Science of Teaching Reading: Grades 4-8.
- (7) [~~5~~] Elementary English (Grades 1-8). This assignment requires verifiable preparation in teaching of reading such as in-service, seminar, or college course in reading. Initial assignments beginning with the 1990-1991 school year require nine semester credit hours of upper-division coursework in reading with at least one course in diagnostic reading techniques.
- (8) [~~6~~] Elementary Reading (Grades 1-8).
- (9) [~~7~~] Elementary teacher certificate plus 18 semester credit hours in English and nine semester credit hours of upper-division coursework in reading with at least one course in diagnostic reading techniques.
- (10) [~~8~~] English as a Second Language Generalist: Early Childhood-Grade 6 (Grade 6 only).
- (11) [~~9~~] English as a Second Language Generalist: Grades 4-8.
- (12) [~~10~~] English Language Arts and Reading: Grades 4-8.
- (13) English Language Arts and Reading with Science of Teaching Reading: Grades 4-8.

- (14) ~~(11)~~ English Language Arts and Reading: Grades 7-12 (Grades 7 and 8 only).
- (15) ~~(12)~~ English Language Arts and Reading: Grades 8-12 (Grade 8 only).
- (16) ~~(13)~~ English Language Arts and Reading/Social Studies: Grades 4-8.
- (17) English Language Arts and Reading/Social Studies with Science of Teaching Reading: Grades 4-8.
- (18) ~~(14)~~ Generalist: Early Childhood-Grade 6 (Grade 6 only).
- (19) ~~(15)~~ Generalist: Grades 4-8.
- (20) ~~(16)~~ Grades 6-12 or Grades 6-8--English. This assignment requires verifiable preparation in the teaching of reading such as in-service, seminar, or college course in reading. Initial assignments beginning with the 1990-1991 school year require nine semester credit hours of upper-division coursework in reading with at least one course in diagnostic reading techniques.
- (21) ~~(17)~~ Grades 6-12 or Grades 6-8--English Language Arts, Composite. This assignment includes at least six semester credit hours of reading. Initial assignments beginning with the 2003-2004 school year require nine semester credit hours of upper-division coursework in reading with at least one course in diagnostic reading techniques.
- (22) ~~(18)~~ Grades 6-12 or Grades 6-8--Reading.
- (23) ~~(19)~~ Junior High School or High School--English. This assignment requires verifiable preparation in the teaching of reading such as in-service, seminar, or college course in reading. Initial assignments beginning with the 1990-1991 school year require nine semester credit hours of upper-division coursework in reading with at least one course in diagnostic reading techniques.
- (24) ~~(20)~~ Junior High School or High School--English Language Arts, Composite. This assignment includes at least six semester credit hours of reading. Initial assignments beginning with the 2003-2004 school year require nine semester credit hours of upper-division coursework in reading with at least one course in diagnostic reading techniques.
- (25) ~~(21)~~ Junior High School or High School--Reading.
- (26) ~~(22)~~ Legacy Master Reading Teacher (Early Childhood-Grade 12).
- (27) ~~(23)~~ Reading Specialist.
- (28) ~~(24)~~ Reading Specialist (Early Childhood-Grade 12).
- (29) ~~(25)~~ Secondary English (Grades 6-12). This assignment requires verifiable preparation in the teaching of reading such as in-service, seminar, or college course in reading. Initial assignments beginning with the 1990-1991 school year require nine semester credit hours of upper-division coursework in reading with at least one course in diagnostic reading techniques.
- (30) ~~(26)~~ Secondary English Language Arts, Composite (Grades 6-12). This assignment includes at least six semester credit hours of reading. Initial assignments beginning with the 2003-2004 school year require nine semester credit hours of upper-division coursework in reading with at least one course in diagnostic reading techniques.
- (31) ~~(27)~~ Secondary Reading (Grades 6-12).
- (32) ~~(28)~~ Teacher certificate plus 9 semester credit hours of upper-division coursework in reading with at least one course in diagnostic reading techniques.

§231.57. Social Studies, Grade 6.

An assignment in a departmentalized classroom for Social Studies, Grade 6, for a holder of a valid elementary, secondary, or all-level certificate is allowed with one of the following certificates.

- (1) Any elementary teacher certificate appropriate for Grade 6.
- (2) Bilingual Generalist: Early Childhood-Grade 6.

- (3) Bilingual Generalist: Grades 4-8.
- (4) Core Subjects: Early Childhood-Grade 6.
- (5) Core Subjects with Science of Teaching Reading: Early Childhood-Grade 6.
- (6) ~~(5)~~ Core Subjects: Grades 4-8.
- (7) Core Subjects with Science of Teaching Reading: Grades 4-8.
- (8) ~~(6)~~ English as a Second Language Generalist: Early Childhood-Grade 6.
- (9) ~~(7)~~ English as a Second Language Generalist: Grades 4-8.
- (10) ~~(8)~~ English Language Arts and Reading/Social Studies: Grades 4-8.
- (11) English Language Arts and Reading/Social Studies with Science of Teaching Reading: Grades 4-8.
- (12) ~~(9)~~ Generalist: Early Childhood-Grade 6.
- (13) ~~(10)~~ Generalist: Grades 4-8.
- (14) ~~(11)~~ Grades 6-12 or Grades 6-8--Economics.
- (15) ~~(12)~~ Grades 6-12 or Grades 6-8--Geography.
- (16) ~~(13)~~ Grades 6-12 or Grades 6-8--Government.
- (17) ~~(14)~~ Grades 6-12 or Grades 6-8--History.
- (18) ~~(15)~~ Grades 6-12 or Grades 6-8--Psychology.
- (19) ~~(16)~~ Grades 6-12 or Grades 6-8--Sociology.
- (20) ~~(17)~~ Grades 6-12 or Grades 6-8--Social Studies.
- (21) ~~(18)~~ Grades 6-12 or Grades 6-8--Social Studies, Composite.
- (22) ~~(19)~~ Junior High School or High School--Anthropology.
- (23) ~~(20)~~ Junior High School or High School--Economics.
- (24) ~~(21)~~ Junior High School or High School--Geography.
- (25) ~~(22)~~ Junior High School or High School--Government-Political Science.
- (26) ~~(23)~~ Junior High School or High School--History.
- (27) ~~(24)~~ Junior High School or High School--Psychology.
- (28) ~~(25)~~ Junior High School or High School--Sociology.
- (29) ~~(26)~~ Junior High School or High School--Social Science, Composite.
- (30) ~~(27)~~ Secondary Economics (Grades 6-12).
- (31) ~~(28)~~ Secondary Geography (Grades 6-12).
- (32) ~~(29)~~ Secondary Government (Grades 6-12).
- (33) ~~(30)~~ Secondary History (Grades 6-12).
- (34) ~~(31)~~ Secondary Psychology (Grades 6-12).
- (35) ~~(32)~~ Secondary Sociology (Grades 6-12).
- (36) ~~(33)~~ Secondary Social Studies (Grades 6-12).
- (37) ~~(34)~~ Secondary Social Studies, Composite (Grades 6-12).
- (38) ~~(35)~~ Secondary or all-level teacher certificate plus 18 semester credit hours in social studies.

(39) [~~36~~] Social Studies: Grades 4-8.

§231.59. Social Studies, Grades 7 and 8.

An assignment in a departmentalized classroom for Social Studies, Grades 7 and 8, for a holder of a valid elementary, secondary, or all-level certificate is allowed with one of the following certificates.

- (1) Bilingual Generalist: Grades 4-8.
- (2) Core Subjects: Grades 4-8.
- (3) Core Subjects with Science of Teaching Reading: Grades 4-8.
- (4) [~~3~~] Elementary History.
- (5) [~~4~~] Elementary History (Grades 1-8).
- (6) [~~5~~] Elementary Social Studies (Grades 1-8).
- (7) [~~6~~] Elementary teacher certificate plus 18 semester credit hours in social studies.
- (8) [~~7~~] English as a Second Language Generalist: Grades 4-8.
- (9) [~~8~~] English Language Arts and Reading/Social Studies: Grades 4-8.
- (10) English Language Arts and Reading/Social Studies with Science of Teaching Reading: Grades 4-8.
- (11) [~~9~~] Generalist: Grades 4-8.
- (12) [~~10~~] Grades 6-12 or Grades 6-8--History.
- (13) [~~11~~] Grades 6-12 or Grades 6-8--Social Studies.
- (14) [~~12~~] Grades 6-12 or Grades 6-8--Social Studies, Composite.
- (15) [~~13~~] High School--History.
- (16) [~~14~~] High School--Social Science, Composite.
- (17) [~~15~~] History: Grades 7-12.
- (18) [~~16~~] History: Grades 8-12 (Grade 8 only).
- (19) [~~17~~] Junior High School or High School--History.
- (20) [~~18~~] Junior High School or High School--Social Science, Composite.
- (21) [~~19~~] Secondary History (Grades 6-12).
- (22) [~~20~~] Secondary Social Studies (Grades 6-12).
- (23) [~~21~~] Secondary Social Studies, Composite (Grades 6-12).
- (24) [~~22~~] Secondary or all-level teacher certificate plus 18 semester credit hours in social studies.
- (25) [~~23~~] Social Studies: Grades 4-8.
- (26) [~~24~~] Social Studies: Grades 7-12.
- (27) [~~25~~] Social Studies: Grades 8-12 (Grade 8 only).

§231.61. Mathematics, Grades 6-8.

An assignment in a departmentalized classroom for Mathematics, Grades 6-8, for a holder of a valid elementary, secondary, or all-level certificate is allowed with one of the following certificates.

- (1) Bilingual Generalist: Early Childhood-Grade 6 (Grade 6 only).
- (2) Bilingual Generalist: Grades 4-8.

- (3) Core Subjects: Early Childhood-Grade 6 (Grade 6 only).
- (4) Core Subjects with Science of Teaching Reading: Early Childhood-Grade 6 (Grade 6 only).
- (5) ~~(4)~~ Core Subjects: Grades 4-8.
- (6) Core Subjects with Science of Teaching Reading: Grades 4-8.
- (7) ~~(5)~~ Elementary Mathematics (Grades 1-8). A teacher holding an Elementary Mathematics (Grades 1-8) certificate may teach Algebra I at the middle school level for high school graduation credit.
- (8) ~~(6)~~ Elementary teacher certificate plus 18 semester credit hours in mathematics.
- (9) ~~(7)~~ English as a Second Language Generalist: Early Childhood-Grade 6 (Grade 6 only).
- (10) ~~(8)~~ English as a Second Language Generalist: Grades 4-8.
- (11) ~~(9)~~ Generalist: Early Childhood-Grade 6 (Grade 6 only).
- (12) ~~(10)~~ Generalist: Grades 4-8.
- (13) ~~(11)~~ Grades 6-12 or Grades 6-8--Mathematics.
- (14) ~~(12)~~ Junior High School or High School--Mathematics.
- (15) ~~(13)~~ Junior High School or High School--Mathematical Science, Composite.
- (16) ~~(14)~~ Legacy Master Mathematics Teacher (Grades 4-8).
- (17) ~~(15)~~ Legacy Master Mathematics Teacher (Grades 8-12) (Grade 8 only).
- (18) ~~(16)~~ Mathematics: Grades 4-8. A teacher holding a Mathematics: Grades 4-8 certificate may teach Algebra I at the middle school level for high school graduation credit.
- (19) ~~(17)~~ Mathematics: Grades 7-12 (Grades 7 and 8 only).
- (20) ~~(18)~~ Mathematics: Grades 8-12 (Grade 8 only).
- (21) ~~(19)~~ Mathematics/Physical Science/Engineering: Grades 6-12.
- (22) ~~(20)~~ Mathematics/Physical Science/Engineering: Grades 8-12 (Grade 8 only).
- (23) ~~(21)~~ Mathematics/Science: Grades 4-8.
- (24) ~~(22)~~ Physics/Mathematics: Grades 7-12 (Grades 7 and 8 only).
- (25) ~~(23)~~ Physics/Mathematics: Grades 8-12 (Grade 8 only).
- (26) ~~(24)~~ Secondary Mathematics (Grades 6-12).
- (27) ~~(25)~~ Secondary or all-level teacher certificate plus 18 semester credit hours in mathematics.

§231.63. Science, Grade 6.

An assignment in a departmentalized classroom for Science, Grade 6, for a holder of a valid elementary, secondary, or all-level certificate is allowed with one of the following certificates.

- (1) Any elementary teacher certificate appropriate for Grade 6.
- (2) Bilingual Generalist: Early Childhood-Grade 6.
- (3) Bilingual Generalist: Grades 4-8.
- (4) Core Subjects: Early Childhood-Grade 6.
- (5) Core Subjects with Science of Teaching Reading: Early Childhood-Grade 6.
- (6) ~~(5)~~ Core Subjects: Grades 4-8.
- (7) Core Subjects with Science of Teaching Reading: Grades 4-8.
- (8) ~~(6)~~ English as a Second Language Generalist: Early Childhood-Grade 6.

- (9) [~~7~~] English as a Second Language Generalist: Grades 4-8.
- (10) [~~8~~] Generalist: Early Childhood-Grade 6.
- (11) [~~9~~] Generalist: Grades 4-8.
- (12) [~~10~~] Grades 6-12 or Grades 6-8--Biology.
- (13) [~~11~~] Grades 6-12 or Grades 6-8--Chemistry.
- (14) [~~12~~] Grades 6-12 or Grades 6-8--Earth Science.
- (15) [~~13~~] Grades 6-12 or Grades 6-8--Life/Earth Science.
- (16) [~~14~~] Grades 6-12 or Grades 6-8--Physical Science.
- (17) [~~15~~] Grades 6-12 or Grades 6-8--Physics.
- (18) [~~16~~] Grades 6-12 or Grades 6-8--Science.
- (19) [~~17~~] Grades 6-12 or Grades 6-8--Science, Composite.
- (20) [~~18~~] Junior High School or High School--Biology.
- (21) [~~19~~] Junior High School or High School--Chemistry.
- (22) [~~20~~] Junior High School or High School--Earth Science.
- (23) [~~21~~] Junior High School or High School--Life/Earth Science.
- (24) [~~22~~] Junior High School or High School--Life/Earth Middle-School Science.
- (25) [~~23~~] Junior High School or High School--Physical Science.
- (26) [~~24~~] Junior High School or High School--Physics.
- (27) [~~25~~] Junior High School or High School--Science.
- (28) [~~26~~] Junior High School or High School--Science, Composite.
- (29) [~~27~~] Legacy Master Science Teacher (Grades 4-8).
- (30) [~~28~~] Mathematics/Science: Grades 4-8.
- (31) [~~29~~] Science: Grades 4-8.
- (32) [~~30~~] Secondary Biology (Grades 6-12).
- (33) [~~31~~] Secondary Chemistry (Grades 6-12).
- (34) [~~32~~] Secondary Earth Science (Grades 6-12).
- (35) [~~33~~] Secondary Life/Earth Science (Grades 6-12).
- (36) [~~34~~] Secondary Physical Science (Grades 6-12).
- (37) [~~35~~] Secondary Physics (Grades 6-12).
- (38) [~~36~~] Secondary Science (Grades 6-12).
- (39) [~~37~~] Secondary Science, Composite (Grades 6-12).
- (40) [~~38~~] Secondary or all-level teacher certificate plus 18 semester credit hours in any combination of sciences.

§231.65. Science, Grades 7 and 8.

An assignment in a departmentalized classroom for Science, Grades 7 and 8, is allowed with one of the following certificates.

- (1) Bilingual Generalist: Grades 4-8.

- (2) Chemistry: Grades 7-12.
- (3) Chemistry: Grades 8-12 (Grade 8 only).
- (4) Core Subjects: Grades 4-8.
- ~~(5) Core Subjects with Science of Teaching Reading: Grades 4-8.~~
- ~~(6) [(5)] Elementary Biology.~~
- ~~(7) [(6)] Elementary Chemistry.~~
- ~~(8) [(7)] Elementary Earth Science.~~
- ~~(9) [(8)] Elementary Life/Earth Middle-School Science.~~
- ~~(10) [(9)] Elementary Physical Science.~~
- ~~(11) [(10)] Elementary Physics.~~
- ~~(12) [(11)] Elementary Biology (Grades 1-8).~~
- ~~(13) [(12)] Elementary Chemistry (Grades 1-8).~~
- ~~(14) [(13)] Elementary Earth Science (Grades 1-8).~~
- ~~(15) [(14)] Elementary Life/Earth Middle-School Science (Grades 1-8).~~
- ~~(16) [(15)] Elementary Physical Science (Grades 1-8).~~
- ~~(17) [(16)] Elementary Physics (Grades 1-8).~~
- ~~(18) [(17)] Elementary teacher certificate plus 18 semester credit hours in any combination of sciences.~~
- ~~(19) [(18)] English as a Second Language Generalist: Grades 4-8.~~
- ~~(20) [(19)] Generalist: Grades 4-8.~~
- ~~(21) [(20)] Grades 6-12 or Grades 6-8--Biology.~~
- ~~(22) [(21)] Grades 6-12 or Grades 6-8--Chemistry.~~
- ~~(23) [(22)] Grades 6-12 or Grades 6-8--Earth Science.~~
- ~~(24) [(23)] Grades 6-12 or Grades 6-8--Life/Earth Middle-School Science.~~
- ~~(25) [(24)] Grades 6-12 or Grades 6-8--Physical Science.~~
- ~~(26) [(25)] Grades 6-12 or Grades 6-8--Physics.~~
- ~~(27) [(26)] Grades 6-12 or Grades 6-8--Science.~~
- ~~(28) [(27)] Grades 6-12 or Grades 6-8--Science, Composite.~~
- ~~(29) [(28)] Junior High School or High School--Biology.~~
- ~~(30) [(29)] Junior High School or High School--Chemistry.~~
- ~~(31) [(30)] Junior High School or High School--Earth Science.~~
- ~~(32) [(31)] Junior High School or High School--Life/Earth Middle-School Science.~~
- ~~(33) [(32)] Junior High School or High School--Physical Science.~~
- ~~(34) [(33)] Junior High School or High School--Physics.~~
- ~~(35) [(34)] Junior High School or High School--Science.~~
- ~~(36) [(35)] Junior High School or High School--Science, Composite.~~
- ~~(37) [(36)] Life Science: Grades 7-12.~~

- (38) [~~37~~] Life Science: Grades 8-12 (Grade 8 only).
- (39) [~~38~~] Legacy Master Science Teacher (Grades 4-8).
- (40) [~~39~~] Legacy Master Science Teacher (Grades 8-12) (Grade 8 only).
- (41) [~~40~~] Mathematics/Physical Science/Engineering: Grades 6-12.
- (42) [~~41~~] Mathematics/Physical Science/Engineering: Grades 8-12 (Grade 8 only).
- (43) [~~42~~] Mathematics/Science: Grades 4-8.
- (44) [~~43~~] Physical Science: Grades 6-12.
- (45) [~~44~~] Physical Science: Grades 8-12 (Grade 8 only).
- (46) [~~45~~] Physics/Mathematics: Grades 7-12.
- (47) [~~46~~] Physics/Mathematics: Grades 8-12 (Grade 8 only).
- (48) [~~47~~] Science: Grades 4-8.
- (49) [~~48~~] Science: Grades 7-12.
- (50) [~~49~~] Science: Grades 8-12 (Grade 8 only).
- (51) [~~50~~] Secondary Biology (Grades 6-12).
- (52) [~~51~~] Secondary Chemistry (Grades 6-12).
- (53) [~~52~~] Secondary Earth Science (Grades 6-12).
- (54) [~~53~~] Secondary Life/Earth Science (Grades 6-12).
- (55) [~~54~~] Secondary Physical Science (Grades 6-12).
- (56) [~~55~~] Secondary Physics (Grades 6-12).
- (57) [~~56~~] Secondary Science (Grades 6-12).
- (58) [~~57~~] Secondary Science, Composite (Grades 6-12).
- (59) [~~58~~] Secondary or all-level teacher certificate plus 18 semester credit hours in any combination of sciences.

§231.67. Health, Grades 6-8.

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

- (1) All-Level Health and Physical Education.
- (2) All-Level Physical Education.
- (3) Bilingual Generalist: Early Childhood-Grade 6 (Grade 6 only).
- (4) Core Subjects: Early Childhood-Grade 6 (Grade 6 only).
- (5) ~~Core Subjects with Science of Teaching Reading: Early Childhood-Grade 6 (Grade 6 only).~~
- (6) [~~5~~] Elementary Health.
- (7) [~~6~~] Elementary Health and Physical Education.
- (8) [~~7~~] Elementary Physical Education.
- (9) [~~8~~] Elementary Health (Grades 1-8).
- (10) [~~9~~] Elementary Health and Physical Education (Grades 1-8).
- (11) [~~10~~] Elementary Physical Education (Grades 1-8).

- ~~[(11) Elementary teacher certificate plus 12 semester credit hours in health, mental health, consumer health, public health, biology, microbiology, anatomy, physiology, kinesiology, foods, nutrition, family relations, disease control and prevention, safety, drug abuse prevention, or coordinated health programs.]~~
- (12) English as a Second Language Generalist: Early Childhood-Grade 6 (Grade 6 only).
- (13) Generalist: Early Childhood-Grade 6 (Grade 6 only).
- (14) Grades 6-12 or Grades 6-8--Health.
- (15) Grades 6-12 or Grades 6-8--Physical Education.
- (16) Health: Early Childhood-Grade 12.
- (17) Junior High School or High School--Health.
- (18) Junior High School or High School--Health and Physical Education.
- (19) Junior High School or High School--Physical Education.
- (20) Physical Education: Early Childhood-Grade 12.
- (21) Secondary Health (Grades 6-12).
- (22) Secondary Physical Education (Grades 6-12).
- ~~[(23) Secondary or all level teacher certificate plus 12 semester credit hours in health, mental health, consumer health, public health, biology, microbiology, anatomy, physiology, kinesiology, foods, nutrition, family relations, disease control and prevention, safety, drug abuse prevention, or coordinated health programs.]~~

§231.69. Physical Education, Grades 6-8.

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

- (1) All-Level Health and Physical Education.
- (2) All-Level Physical Education.
- (3) Bilingual Generalist: Early Childhood-Grade 6 (Grade 6 only).
- (4) Core Subjects: Early Childhood-Grade 6 (Grade 6 only).
- ~~(5) Core Subjects with Science of Teaching Reading: Early Childhood-Grade 6 (Grade 6 only).~~
- ~~(6) [(5)] Elementary Health and Physical Education.~~
- ~~(7) [(6)] Elementary Physical Education.~~
- ~~(8) [(7)] Elementary Physical Education (Grades 1-8).~~
- ~~[(8) Elementary teacher certificate plus 12 semester credit hours in physical education, including safety and coordinated school health programs.]~~
- (9) English as a Second Language Generalist: Early Childhood-Grade 6 (Grade 6 only).
- (10) Generalist: Early Childhood-Grade 6 (Grade 6 only).
- (11) Grades 6-12 or Grades 6-8--Physical Education.
- (12) Junior High School or High School--Health and Physical Education.
- (13) Junior High School or High School--Physical Education.
- (14) Physical Education: Early Childhood-Grade 12.
- (15) Secondary Physical Education (Grades 6-12).

~~[(16) Secondary or all-level teacher certificate plus 12 semester credit hours in physical education, including safety and coordinated school health programs.]~~

§231.71. Art, Middle School 1-3.

An assignment in a departmentalized classroom for Art, Middle School 1-3, is allowed with one of the following certificates.

- (1) All-Level Art.
- (2) Art: Early Childhood-Grade 12.
- (3) Bilingual Generalist: Early Childhood-Grade 6 (Grade 6 only).
- (4) Core Subjects: Early Childhood-Grade 6 (Grade 6 only).
- ~~(5) Core Subjects with Science of Teaching Reading: Early Childhood-Grade 6 (Grade 6 only).~~
- ~~(6) [(5)] Elementary Art (Grades 1-8).~~
- ~~(7) [(6)] Elementary teacher certificate plus 18 semester credit hours in art.~~
- ~~(8) [(7)] English as a Second Language Generalist: Early Childhood-Grade 6 (Grade 6 only).~~
- ~~(9) [(8)] Generalist: Early Childhood-Grade 6 (Grade 6 only).~~
- ~~(10) [(9)] Grades 6-12 or Grades 6-8--Art.~~
- ~~(11) [(10)] Junior High School or High School--Art.~~
- ~~(12) [(11)] Secondary Art (Grades 6-12).~~
- ~~(13) [(12)] Secondary or all-level teacher certificate plus 18 semester credit hours in art.~~

§231.73. Music, Middle School 1-3.

An assignment in a departmentalized classroom for Music, Middle School 1-3, is allowed with one of the following certificates.

- (1) All-Level Music.
- (2) Bilingual Generalist: Early Childhood-Grade 6 (Grade 6 only).
- (3) Core Subjects: Early Childhood-Grade 6 (Grade 6 only).
- ~~(4) Core Subjects with Science of Teaching Reading: Early Childhood-Grade 6 (Grade 6 only).~~
- ~~(5) [(4)] Elementary Music.~~
- ~~(6) [(5)] Elementary Music (Grades 1-8).~~
- ~~(7) [(6)] Elementary teacher certificate plus 18 semester credit hours in music.~~
- ~~(8) [(7)] English as a Second Language Generalist: Early Childhood-Grade 6 (Grade 6 only).~~
- ~~(9) [(8)] Generalist: Early Childhood-Grade 6 (Grade 6 only).~~
- ~~(10) [(9)] Grades 6-12 or Grades 6-8--Music.~~
- ~~(11) [(10)] Junior High School or High School--Music.~~
- ~~(12) [(11)] Music: Early Childhood-Grade 12.~~
- ~~(13) [(12)] Secondary Music (Grades 6-12).~~
- ~~(14) [(13)] Secondary or all-level teacher certificate plus 18 semester credit hours in music.~~

§231.79. Career Development, Grades 6-8.

An assignment in a departmentalized classroom for Career Development, College and Career Readiness, or Investigating Careers, Grades 6-8, for a holder of a valid secondary or all-level certificate is allowed with a Technology Applications: Early Childhood-Grade 12 certificate, a Technology Applications: Grades 8-12 certificate, and any vocational or career and technical education classroom teaching certificate specified in §233.13 of this title (relating to Career and Technical Education (Certificates not requiring experience and preparation in a skill area)) or §233.14 of this title (relating to Career and Technical Education (Certificates requiring experience and preparation in a skill area)).

Subchapter E. Grades 9-12 Assignments**Division 1. English Language Arts and Reading, Grades 9-12 Assignments****§231.131. Writing, Grades 9-12.**

An assignment for [~~Writing~~,] Research and Technical Writing, Creative Writing, or Practical Writing Skills; Literary Genres; Humanities; Independent Study in English; Visual Media Analysis and Production; or Contemporary Media, Grades 9-12, is allowed with one of the following certificates.

- (1) English Language Arts and Reading: Grades 7-12.
- (2) English Language Arts and Reading: Grades 8-12.
- (3) Grades 6-12 or Grades 9-12--English.
- (4) Grades 6-12 or Grades 9-12--English Language Arts, Composite.
- (5) Junior High School (Grades 9-10 only) or High School--English.
- (6) Junior High School (Grades 9-10 only) or High School--English Language Arts, Composite.
- (7) Secondary English (Grades 6-12).
- (8) Secondary English Language Arts, Composite (Grades 6-12).

§231.135. Journalism, Grades 9-12.

An assignment for Journalism, Advanced Journalism, Yearbook I-III, Literary Magazine, Newspaper [~~Production~~] I-III, Photojournalism, Advanced Broadcast Journalism I-III, or Independent Study in Journalism, is allowed with one of the following certificates.

- (1) Grades 6-12 or Grades 9-12--Journalism.
- (2) Grades 6-12 or Grades 9-12--English Language Arts, Composite. This assignment includes at least six semester credit hours in Journalism.
- (3) Journalism: Grades 7-12.
- (4) Journalism: Grades 8-12.
- (5) Junior High School (Grades 9-10 only) or High School--Journalism.
- (6) Junior High School (Grades 9-10 only) or High School--English Language Arts, Composite. This assignment includes at least six semester credit hours in Journalism.
- (7) Secondary Journalism (Grades 6-12).
- (8) Secondary English Language Arts, Composite (Grades 6-12). This assignment includes at least six semester credit hours in Journalism.

Division 2. Languages Other Than English, Grades 9-12 Assignments**§231.153. American Sign Language, Grades 9-12.**

- (a) An assignment for American Sign Language, Levels I-IV, Grades 9-12, or American Sign Language, Advanced Independent Study is allowed with one of the following certificates.
- (1) American Sign Language.
 - (2) American Sign Language: Early Childhood-Grade 12.
- (b) The Texas Assessment of Sign Communication-American Sign Language (TASC-ASL) is required for an American Sign Language assignment.

Division 3. Social Studies, Grades 9-12 Assignments**§231.173. Economics with Emphasis on the Free Enterprise System and Its Benefits, Grades 9-12.**

An assignment for Economics with Emphasis on the Free Enterprise System and Its Benefits or Economics Advanced Studies, Grades 9-12, is allowed with one of the following certificates.

- (1) Any business certificate.
- (2) Grades 6-12 or Grades 9-12--Economics.
- (3) Grades 6-12 or Grades 9-12--Social Studies.
- (4) Grades 6-12 or Grades 9-12--Social Studies, Composite.
- (5) Junior High School (Grades 9-10 only) or High School--Economics.
- (6) Junior High School (Grades 9-10 only) or High School--Social Science, Composite.
- (7) Secondary Economics (Grades 6-12).
- (8) Secondary Social Studies (Grades 6-12).
- (9) Secondary Social Studies, Composite (Grades 6-12).
- (10) Social Studies: Grades 7-12.
- (11) Social Studies: Grades 8-12.

Division 9. Career Development, Grades 9-12 Assignments**§231.271. Career Development, Grades 9-12.**

- (a) Subject to the requirements in subsection (e) of this section, an assignment for Career Preparation I, Career Preparation II, or Extended Career Preparation, Grades 9-12, is allowed with one of the following certificates.
- (1) Any vocational or career and technical education (CTE) classroom teaching certificate specified in §233.13 of this title (relating to Career and Technical Education (Certificates not requiring experience and preparation in a skill area)) or §233.14 of this title (relating to Career and Technical Education (Certificates requiring experience and preparation in a skill area)).
 - (2) Any special education certificate so long as, beginning with the 2020-2021 school year, the special education-certified teacher assigned to teach this course shall complete Texas Education Agency-approved training found at tea.texas.gov/cte prior to teaching this course.
 - (3) Technology Applications: Early Childhood-Grade 12.
 - (4) Technology Applications: Grades 8-12.
- (b) An assignment for Project-Based Research, Grades 9-12, is allowed with one of the following certificates.

- (1) Any vocational or CTE classroom teaching certificate specified in §233.13 of this title or §233.14 of this title.
 - (2) Technology Applications: Early Childhood-Grade 12.
 - (3) Technology Applications: Grades 8-12.
- (c) An assignment for Applied Mathematics for Technical Professionals, Grades 9-12, is allowed with one of the following certificates.
- (1) Any vocational or CTE classroom teaching certificate specified in §233.13 of this title or §233.14 of this title. This assignment requires a bachelor's degree.
 - (2) Grades 6-12 or Grades 9-12 Mathematics.
 - (3) Legacy Master Mathematics Teacher (Grades 8-12).
 - (4) Mathematics: Grades 7-12.
 - (5) Mathematics: Grades 8-12.
 - (6) Mathematics/Physical Science/Engineering: Grades 6-12.
 - (7) Mathematics/Physical Science/Engineering: Grades 8-12.
 - (8) Physics/Mathematics: Grades 7-12.
 - (9) Physics/Mathematics: Grades 8-12.
 - (10) Secondary Mathematics (Grades 6-12).
 - (11) Computer Science: Grades 8-12.
 - (12) Grades 6-12 or Grades 9-12--Computer Information Systems.
 - (13) Junior High School (Grades 9-10 only) or High School--Computer Information Systems.
 - (14) Secondary Computer Information Systems (Grades 6-12).
 - (15) Technology Applications: Early Childhood-Grade 12.
 - (16) Technology Applications: Grades 8-12.
- (d) All teachers assigned to Applied Mathematics for Technical Professionals shall participate in Texas Education Agency-approved training prior to teaching this course effective with the 2019-2020 school year. Specific details about the required training can be found at tea.texas.gov/cte.
- (e) The school district is responsible for ensuring that each teacher assigned to Career Preparation I, Career Preparation II, or Extended Career Preparation, Grades 9-12, has completed appropriate training in state and federal requirements regarding work-based learning and safety.

Division 10. Agriculture, Food, and Natural Resources, Grades 9-12 Assignments

§231.281. Agriculture, Food, and Natural Resources, Grades 9-12.

- (a) An assignment for Advanced Energy and Natural Resource Technology; Agriculture Laboratory and Field Experience; ~~Energy and Natural Resource Technology~~; Equine Science; Food Processing; Food Technology and Safety; Forestry and Woodland Ecosystems; Greenhouse Operation and Production; Horticultural Science; Landscape Design and Management; Livestock Production; Principles of Agriculture, Food, and Natural Resources; Professional Standards in Agribusiness; Range Ecology and Management; Small Animal Management; Turf Grass Management; Veterinary Medical Applications; or Wildlife, Fisheries, and Ecology Management, Grades 9-12, is allowed with one of the following certificates.
- (1) Agriculture, Food, and Natural Resources: Grades 6-12.
 - (2) Agricultural Science and Technology: Grades 6-12.

- (3) Any vocational agriculture certificate.
- (b) Subject to the requirements in subsection (c) of this section, an assignment for Practicum in Agriculture, Food, and Natural Resources or Extended Practicum in Agriculture, Food, and Natural Resources, Grades 9-12, is allowed with one of the following certificates.
 - (1) Agriculture, Food, and Natural Resources: Grades 6-12.
 - (2) Agricultural Science and Technology: Grades 6-12.
 - (3) Any vocational agriculture certificate.
- (c) The school district is responsible for ensuring that each teacher assigned to Practicum in Agriculture, Food, and Natural Resources or Extended Practicum in Agriculture, Food, and Natural Resources, Grades 9-12, has completed appropriate training in state and federal requirements regarding work-based learning and safety.

§231.289. Agricultural Equipment Design and Fabrication; Agricultural Structures Design and Fabrication; Agricultural Mechanics and Metal Technologies; Agricultural Power Systems; Grades 9-12.

An assignment for Agricultural Equipment Design and Fabrication, Agricultural Structures Design and Fabrication, Agricultural Mechanics and Metal Technologies, or Agricultural Power Systems, Grades 9-12, is allowed with one of the following certificates.

- (1) Agriculture, Food, and Natural Resources: Grades 6-12.
- (2) Agricultural Science and Technology: Grades 6-12.
- (3) Any vocational agriculture certificate.
- (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) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
- (7) ~~(6)~~ Vocational Trades and Industry. This assignment requires appropriate work approval.

§231.291. Floral Design, Grades 9-12.

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

- (1) Agriculture, Food, and Natural Resources: Grades 6-12.
- (2) Agricultural Science and Technology: Grades 6-12.
- (3) Any vocational agriculture certificate.
- (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) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
- (7) ~~(6)~~ Vocational Trades and Industry. This assignment requires appropriate work approval.
- (8) ~~(7)~~ All-Level Art.
- (9) ~~(8)~~ Art: Early Childhood-Grade 12.
- (10) ~~(9)~~ Grades 6-12 or Grades 9-12--Art.
- (11) ~~(10)~~ Junior High School (Grades 9-10 only) or High School--Art.
- (12) ~~(11)~~ Secondary Art (Grades 6-12).

§231.293. Energy and Natural Resource Technology, Grades 9-12.

An assignment for Energy and Natural Resource Technology, Grades 9-12, is allowed with one of the following certificates.

- (1) Agriculture, Food, and Natural Resources: Grades 6-12.
- (2) Agricultural Science and Technology: Grades 6-12.
- (3) Any vocational agriculture certificate.
- (4) Life Science: Grades 7-12.
- (5) Life Science: Grades 8-12.
- (6) Mathematics/Physical Science/Engineering: Grades 6-12.
- (7) Mathematics/Physical Science/Engineering: Grades 8-12.
- (8) Secondary Industrial Arts (Grades 6-12).
- (9) Secondary Industrial Technology (Grades 6-12).
- (10) Technology Education: Grades 6-12.
- (11) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
- (12) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
- (13) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.

Division 11. Architecture and Construction, Grades 9-12 Assignments**§231.301. Principles of Architecture; Principles of Construction, Grades 9-12.**

An assignment for Principles of Architecture or Principles of Construction, Grades 9-12, is allowed with one of the following certificates.

- (1) Agriculture, Food, and Natural Resources: Grades 6-12.
- (2) Agricultural Science and Technology: Grades 6-12.
- (3) Any home economics or homemaking certificate.
- (4) Family and Consumer Sciences, Composite: Grades 6-12.
- (5) Mathematics/Physical Science/Engineering: Grades 6-12.
- (6) Mathematics/Physical Science/Engineering: Grades 8-12.
- (7) Secondary Industrial Arts (Grades 6-12).
- (8) Secondary Industrial Technology (Grades 6-12).
- (9) Technology Education: Grades 6-12.
- (10) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
- (11) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
- (12) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
- (13) ~~(12)~~ Vocational Trades and Industry. This assignment requires appropriate work approval.

§231.303. Interior Design, Grades 9-12.

- (a) An assignment for Interior Design I or Interior Design II, Grades 9-12, is allowed with one of the following certificates.
- (1) Any home economics or homemaking certificate.
 - (2) Family and Consumer Sciences, Composite: Grades 6-12.
 - (3) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
 - (4) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
 - (5) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
 - ~~(6) 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 Interior Design or Extended Practicum in Interior Design, Grades 9-12, is allowed with one of the following certificates.
- (1) Any home economics or homemaking certificate.
 - (2) Family and Consumer Sciences, Composite: Grades 6-12.
 - (3) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
 - (4) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
 - (5) Trade and Industrial Workforce Training: Grades 6-12. 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 Interior Design or Extended Practicum in Interior Design, Grades 9-12, has completed appropriate training in state and federal requirements regarding work-based learning and safety.

§231.305. Architectural Design, Grades 9-12.

- (a) An assignment for Architectural Design I or Architectural Design II, Grades 9-12, is allowed with one of the following certificates.
- (1) Mathematics/Physical Science/Engineering: Grades 6-12.
 - (2) Mathematics/Physical Science/Engineering: Grades 8-12.
 - (3) Secondary Industrial Arts (Grades 6-12).
 - (4) Secondary Industrial Technology (Grades 6-12).
 - (5) Technology Education: Grades 6-12.
 - (6) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
 - (7) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
 - (8) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
 - ~~(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 Architectural Design or Extended Practicum in Architectural Design, Grades 9-12, is allowed with one of the following certificates.
- (1) Mathematics/Physical Science/Engineering: Grades 6-12.
 - (2) Mathematics/Physical Science/Engineering: Grades 8-12.

- (3) Secondary Industrial Arts (Grades 6-12).
 - (4) Secondary Industrial Technology (Grades 6-12).
 - (5) Technology Education: Grades 6-12.
 - (6) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
 - (7) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
 - (8) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
 - (9) ~~(8)~~ Vocational Trades and Industry. This assignment requires appropriate work approval.
 - (10) ~~(9)~~ Any home economics or homemaking certificate.
 - (11) ~~(10)~~ Family and Consumer Sciences, Composite: Grades 6-12.
- (c) The school district is responsible for ensuring that each teacher assigned to Practicum in Architectural Design or Extended Practicum in Architectural Design, Grades 9-12, has completed appropriate training in state and federal requirements regarding work-based learning and safety.

§231.307. Construction Management; Construction Technology, Grades 9-12.

- (a) An assignment for Construction Management I, Construction Management II, Construction Technology I, or Construction Technology II, Grades 9-12, is allowed with one of the following certificates.
- (1) Agriculture, Food, and Natural Resources: Grades 6-12.
 - (2) Agricultural Science and Technology: Grades 6-12.
 - (3) Any vocational agriculture certificate.
 - (4) Mathematics/Physical Science/Engineering: Grades 6-12.
 - (5) Mathematics/Physical Science/Engineering: Grades 8-12.
 - (6) Secondary Industrial Arts (Grades 6-12).
 - (7) Secondary Industrial Technology (Grades 6-12).
 - (8) Technology Education: Grades 6-12.
 - (9) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
 - (10) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
 - (11) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
 - (12) ~~(11)~~ 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 Construction Management, Practicum in Construction Technology, Extended Practicum in Construction Management, or Extended Practicum in Construction Technology, Grades 9-12, is allowed with one of the following certificates.
- (1) Agriculture, Food, and Natural Resources: Grades 6-12.
 - (2) Agricultural Science and Technology: Grades 6-12.
 - (3) Any vocational agriculture certificate.
 - (4) Mathematics/Physical Science/Engineering: Grades 6-12.
 - (5) Mathematics/Physical Science/Engineering: Grades 8-12.
 - (6) Secondary Industrial Arts (Grades 6-12).

- (7) Secondary Industrial Technology (Grades 6-12).
 - (8) Technology Education: Grades 6-12.
 - (9) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
 - (10) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
 - (11) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
 - (12) ~~(11)~~ 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 Construction Management, Practicum in Construction Technology, Extended Practicum in Construction Management, or Extended Practicum in Construction Technology, Grades 9-12, has completed appropriate training in state and federal requirements regarding work-based learning and safety.

§231.309. Building Maintenance Technology, Grades 9-12.

An assignment for Building Maintenance Technology I or Building Maintenance Technology II, Grades 9-12, is allowed with one of the following certificates.

- (1) Agriculture, Food, and Natural Resources: Grades 6-12.
- (2) Agricultural Science and Technology: Grades 6-12.
- (3) Any vocational agriculture certificate.
- (4) Secondary Industrial Arts (Grades 6-12).
- (5) Secondary Industrial Technology (Grades 6-12).
- (6) Technology Education: Grades 6-12.
- (7) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
- (8) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
- (9) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
- (10) ~~(9)~~ Vocational Trades and Industry. This assignment requires appropriate work approval.

§231.311. Mill and Cabinetmaking Technology, Grades 9-12.

An assignment for Mill and Cabinetmaking Technology, 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) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
- (7) ~~(6)~~ Vocational Trades and Industry. This assignment requires appropriate work approval.

§231.313. Electrical Technology; Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration Technology; Masonry Technology; and Plumbing Technology, Grades 9-12.

- (a) An assignment for Electrical Technology I; Electrical Technology II; Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration I; Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration II; Masonry Technology I; Masonry Technology II; Plumbing Technology I; or Plumbing Technology II, Grades 9-12, is allowed with one of the following certificates.
- (1) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
 - (2) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
 - (3) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
 - (4) ~~(4)~~ 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 Masonry Technology or Extended Practicum in Masonry Technology, Grades 9-12, is allowed with one of the following certificates.
- (1) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
 - (2) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
 - (3) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
 - (4) ~~(4)~~ 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 Masonry Technology or Extended Practicum in Masonry Technology, Grades 9-12, has completed appropriate training in state and federal requirements regarding work-based learning and safety.

Division 12. Arts, Audio/Video ~~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 8-12.
- (8) Technology Education: Grades 6-12.
- (9) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
- (10) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
- (11) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
- (12) ~~(11)~~ Vocational Trades and Industry. This assignment requires appropriate work approval.

- (13) ~~(12)~~ Any home economics or homemaking certificate.
- (14) ~~(13)~~ Family and Consumer Sciences, Composite: Grades 6-12.

§231.335. Animation, Grades 9-12.

- (a) An assignment for Animation I, Animation I Lab, Animation II, or Animation II Lab, Digital Art and Animation, 3-D Modeling and 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 8-12.
 - (8) Technology Education: Grades 6-12.
 - (9) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
 - (10) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
 - (11) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
 - (12) ~~(11)~~ 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 Animation or Extended Practicum in 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 8-12.
 - (8) Technology Education: Grades 6-12.
 - (9) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
 - (10) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
 - (11) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
 - (12) ~~(11)~~ 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 Animation or Extended Practicum in Animation, Grades 9-12, has completed appropriate training in state and federal requirements regarding work-based learning and safety.

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

- (a) An assignment for Audio/Video Production I; Audio/Video Production I Lab; Audio/Video Production II; Audio/Video Production II Lab; Digital Audio Technology I; Digital Audio Technology II; Graphic Design

and Illustration I; Graphic Design and Illustration I Lab; Graphic Design and Illustration II; Graphic Design and Illustration II Lab; Video Game Design; Web Game Development; Digital Design and Media Production; or Digital Communications in the 21st Century, 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 8-12.
 - (5) Technology Education: Grades 6-12.
 - (6) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
 - (7) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
 - ~~(8) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.~~
 - (9) ~~(8)~~ 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, Practicum in Graphic Design and Illustration, Extended Practicum in Audio/Video Production, or Extended 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 Applications: Early Childhood-Grade 12.
 - (4) Technology Applications: Grades 8-12.
 - (5) Technology Education: Grades 6-12.
 - (6) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
 - (7) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
 - ~~(8) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.~~
 - (9) ~~(8)~~ 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, Practicum in Graphic Design and Illustration, Extended Practicum in Audio/Video Production, or Extended Practicum in Graphic Design and Illustration, Grades 9-12, has completed appropriate training in state and federal requirements regarding work-based learning and safety.

§231.339. Photography, Grades 9-12.

- (a) An assignment for Commercial Photography I, Commercial Photography I Lab, Commercial Photography II, or Commercial Photography II Lab, Grades 9-12, is allowed with one of the following certificates.
- (1) Art (Early Childhood-Grade 12).
 - (2) Art: Junior High School (Grades 9-10 only), High School, Secondary.
 - (3) Art (Grades 6-12, Grades 9-12, or All-Level).
 - (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 8-12.
 - (9) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
 - (10) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
 - (11) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
 - (12) ~~(11)~~ 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 Commercial Photography or Extended Practicum in Commercial Photography, 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) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
 - (7) ~~(6)~~ Vocational Trades and Industry. This assignment requires appropriate work approval.
 - (8) ~~(7)~~ Technology Applications: Early Childhood-Grade 12.
 - (9) ~~(8)~~ Technology Applications: Grades 8-12.
- (c) The school district is responsible for ensuring that each teacher assigned to Practicum in Commercial Photography or Extended Practicum in Commercial Photography, Grades 9-12, has completed appropriate training in state and federal requirements regarding work-based learning and safety.

§231.341. Printing and Imaging Technology, Grades 9-12.

- (a) An assignment for Printing and Imaging Technology I, Printing and Imaging Technology I Lab, Printing and Imaging Technology II, or Printing and Imaging Technology II Lab, Grades 9-12, is allowed with one of the following certificates.
- (1) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
 - (2) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
 - (3) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
 - (4) ~~(3)~~ Vocational Trades and Industry. This assignment requires appropriate work approval.
 - (5) ~~(4)~~ Technology Applications: Early Childhood-Grade 12.
 - (6) ~~(5)~~ Technology Applications: Grades 8-12.
 - (7) ~~(6)~~ Technology Education: Grades 6-12.
 - (8) ~~(7)~~ Secondary Industrial Arts: Grades 8-12.
 - (9) ~~(8)~~ Secondary Industrial Technology: Grades 6-12.
- (b) Subject to the requirements in subsection (c) of this section, an assignment for Practicum in Printing and Imaging Technology or Extended Practicum in Printing and Imaging Technology, Grades 9-12, is allowed with one of the following certificates.

- (1) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
 - (2) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
 - (3) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
 - (4) ~~(3)~~ Vocational Trades and Industry. This assignment requires appropriate work approval.
 - (5) ~~(4)~~ Technology Applications: Early Childhood-Grade 12.
 - (6) ~~(5)~~ Technology Applications: Grades 8-12.
 - (7) ~~(6)~~ Technology Education: Grades 6-12.
 - (8) ~~(7)~~ Secondary Industrial Arts: Grades 8-12.
 - (9) ~~(8)~~ Secondary Industrial Technology: Grades 6-12.
- (c) The school district is responsible for ensuring that each teacher assigned to Practicum in Printing and Imaging Technology or Extended Practicum in Printing and Imaging Technology, Grades 9-12, has completed appropriate training in state and federal requirements regarding work-based learning and safety.

Division 14. Education and Training, Grades 9-12 Assignments

§231.381. Education and Training, Grades 9-12.

- (a) An assignment for Instructional Practices or Principles of Education and Training, Grades 9-12, is allowed with any valid classroom teacher or administrator certificate.
- (b) Subject to the requirements in subsection (c) of this section, an assignment for Practicum in Education and Training , ~~or~~ Extended Practicum in Education and Training , Practicum in Early Learning, or Extended Practicum in Early Learning , Grades 9-12, is allowed with any valid classroom teacher or administrator certificate.
- (c) The school district is responsible for ensuring that each teacher assigned to Practicum in Education and Training , ~~or~~ Extended Practicum in Education and Training, Practicum in Early Learning, or Extended Practicum in Early Learning, Grades 9-12, has completed appropriate training in state and federal requirements regarding work-based learning and safety.

Division 16. Government and Public Administration, Grades 9-12 Assignments

§231.401. Government and Public Administration, Grades 9-12.

- (a) An assignment for Foreign Service and Diplomacy, Planning and Governance, Political Science I and II, Principles of Government and Public Administration, or Public Management and Administration, Grades 9-12, is allowed with one of the following.
 - (1) Grades 6-12 or Grades 9-12--Government.
 - (2) Grades 6-12 or Grades 9-12--Social Studies.
 - (3) Junior High School (Grades 9-10 only) or High School--Government-Political Science.
 - (4) Junior High School (Grades 9-10 only) or High School--Social Science, Composite.
 - (5) Secondary Government (Grades 6-12).
 - (6) Secondary Political Science (Grades 6-12).
 - (7) Secondary Social Science, Composite (Grades 6-12).
 - (8) Secondary Social Studies, Composite (Grades 6-12).
 - (9) Social Studies: Grades 7-12.

- (10) Social Studies: Grades 8-12.
 - (11) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
 - (12) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
 - ~~(13) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.~~
 - (14) ~~(13)~~ 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 Local, State, and Federal Government or Extended Practicum in Local, State, and Federal Government, Grades 9-12, is allowed with one of the following certificates.
- (1) Grades 6-12 or Grades 9-12--Government.
 - (2) Grades 6-12 or Grades 9-12--Social Studies.
 - (3) Junior High School (Grades 9-10 only) or High School--Government-Political Science.
 - (4) Junior High School (Grades 9-10 only) or High School--Social Science, Composite.
 - (5) Secondary Government (Grades 6-12).
 - (6) Secondary Political Science (Grades 6-12).
 - (7) Secondary Social Science, Composite (Grades 6-12).
 - (8) Secondary Social Studies, Composite (Grades 6-12).
 - (9) Social Studies: Grades 7-12.
 - (10) Social Studies: Grades 8-12.
 - (11) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
 - (12) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
 - ~~(13) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.~~
 - (14) ~~(13)~~ 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 Local, State, and Federal Government or Extended Practicum in Local, State, and Federal Government, Grades 9-12, has completed appropriate training in state and federal requirements regarding work-based learning and safety.

§231.403. Revenue, Taxation, and Regulation, Grades 9-12.

An assignment for Revenue, Taxation, and Regulation, 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) Grades 6-12 or Grades 9-12--Social Studies.
- (5) Junior High School (Grades 9-10 only) or High School--Social Science, Composite.
- (6) Secondary Social Science, Composite (Grades 6-12).
- (7) Secondary Social Studies, Composite (Grades 6-12).
- (8) Social Studies: Grades 7-12.
- (9) Social Studies: Grades 8-12.

- (10) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
- (11) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
- (12) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
- (13) [~~12~~] Vocational Trades and Industry. This assignment requires appropriate work approval.

§231.405. National Security, Grades 9-12.

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

- (1) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
- (2) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
- (3) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
- (4) [~~3~~] Vocational Trades and Industry. This assignment requires appropriate work approval.

Division 17. Health Science, Grades 9-12 Assignments**§231.421. Health Science, Grades 9-12.**

- (a) An assignment for Health Science Theory, Health Science Clinical, Pharmacology, Pharmacy II, Principles of Health Science, or World Health Research, Grades 9-12, is allowed with one of the following certificates.
 - (1) Health Science: Grades 6-12.
 - (2) Health Science Technology Education: Grades 8-12.
 - (3) Vocational Health Occupations.
 - (4) Vocational Health Science Technology.
- (b) An assignment for Medical Terminology or Medical Assistant, Grades 9-12, is allowed with one of the following certificates.
 - (1) Secondary Biology (Grades 6-12).
 - (2) Secondary Science (Grades 6-12).
 - (3) Secondary Science, Composite (Grades 6-12).
 - (4) Health Science: Grades 6-12.
 - (5) Health Science Technology Education: Grades 8-12.
 - (6) Life Science: Grades 7-12.
 - (7) Life Science: Grades 8-12.
 - (8) Legacy Master Science Teacher (Grades 8-12).
 - (9) Science: Grades 7-12.
 - (10) Science: Grades 8-12.
 - (11) Vocational Health Occupations.
 - (12) Vocational Health Science Technology.
- (c) Subject to the requirements in subsection (d) of this section, an assignment for Practicum in Health Science or Extended Practicum in Health Science, Grades 9-12, is allowed with one of the following certificates.

- (1) Health Science: Grades 6-12.
 - (2) Health Science Technology Education: Grades 8-12.
 - (3) Vocational Health Occupations.
 - (4) Vocational Health Science Technology.
- (d) The school district is responsible for ensuring that each teacher assigned to Practicum in Health Science or Extended Practicum in Health Science, Grades 9-12, has completed appropriate training in state and federal requirements regarding work-based learning and safety.

§231.423. Anatomy and Physiology, Medical Microbiology, ~~and~~ Pathophysiology, and Respiratory Therapy I, Grades 9-12.

- (a) An assignment for Anatomy and Physiology, Medical Microbiology, ~~and~~ Pathophysiology, or Respiratory Therapy I, Grades 9-12, is allowed with one of the following certificates.
- (1) Secondary Biology (Grades 6-12).
 - (2) Secondary Science (Grades 6-12).
 - (3) Secondary Science, Composite (Grades 6-12).
 - (4) Health Science: Grades 6-12. This assignment requires a bachelor's degree.
 - (5) Health Science Technology Education: Grades 8-12. This assignment requires a bachelor's degree.
 - (6) Life Science: Grades 7-12.
 - (7) Life Science: Grades 8-12.
 - (8) Legacy Master Science Teacher (Grades 8-12).
 - (9) Science: Grades 7-12.
 - (10) Science: Grades 8-12.
 - (11) Vocational Health Occupations. This assignment requires a bachelor's degree.
 - (12) Vocational Health Science Technology. This assignment requires a bachelor's degree.
- (b) All teachers assigned to this course shall participate in Texas Education Agency-approved training prior to teaching this course effective with the 2019-2020 school year. Specific details about the required training can be found at tea.texas.gov/cte.

§231.425. Mathematics for Medical Professionals; Medical Coding and Billing, Grades 9-12. ~~Grades 9-12.~~

- (a) An assignment for Mathematics for Medical Professionals or Medical Coding and Billing, Grades 9-12, is allowed with one of the following certificates.
- (1) Health Science: Grades 6-12. This assignment requires a bachelor's degree.
 - (2) Health Science Technology Education: Grades 8-12. This assignment requires a bachelor's degree.
 - (3) Vocational Health Occupations. This assignment requires a bachelor's degree.
 - (4) Vocational Health Science Technology. This assignment requires a bachelor's degree.
 - (5) Legacy Master Mathematics Teacher (Grades 8-12).
 - (6) Mathematics: Grades 7-12.
 - (7) Mathematics: Grades 8-12.
 - (8) Mathematics/Physical Science/Engineering: Grades 6-12.
 - (9) Mathematics/Physical Science/Engineering: Grades 8-12.
 - (10) Physics/Mathematics: Grades 7-12.

- (11) Physics/Mathematics: Grades 8-12.
 - (12) Secondary Mathematics.
- (b) All teachers assigned to this course shall participate in Texas Education Agency-approved training prior to teaching this course effective with the 2019-2020 school year. Specific details about the required training can be found at tea.texas.gov/cte.

§231.427. Health Informatics, Grades 9-12.

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

- (1) Health Science: Grades 6-12.
- (2) Health Science Technology Education: Grades 8-12.
- (3) Vocational Health Occupations.
- (4) Vocational Health Science Technology.
- ~~[(5) Any business or office education certificate.]~~
- ~~[(6) Business and Finance: Grades 6-12.]~~
- ~~[(7) Business Education: Grades 6-12.]~~
- ~~[(8) Marketing: Grades 6-12.]~~
- ~~[(9) Marketing Education: Grades 8-12.]~~

§231.429. Healthcare Administration and Management; Leadership and Management in Nursing, Grades 9-12.

An assignment for Healthcare Administration and Management or Leadership and Management in Nursing, Grades 9-12, is allowed with one of the following certificates.

- (1) Health Science: Grades 6-12.
- (2) Health Science Technology Education: Grades 8-12.
- (3) Vocational Health Occupations.
- (4) Vocational Health Science Technology.

Division 18. Hospitality and Tourism, Grades 9-12 Assignments**§231.441. Hospitality and Tourism, Grades 9-12.**

- (a) An assignment for Hospitality Services, Hotel Management, Principles of Hospitality and Tourism, or Travel and Tourism Management, Grades 9-12, is allowed with one of the following certificates.
- (1) Any home economics or homemaking certificate.
 - (2) Any marketing or distributive education certificate.
 - (3) Family and Consumer Sciences, Composite: Grades 6-12.
 - (4) Hospitality, Nutrition, and Food Sciences: Grades 8-12.
 - (5) Marketing: Grades 6-12.
 - (6) Marketing Education: Grades 8-12.
 - (7) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
 - (8) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.

- (9) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
- (10) [~~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 Hospitality Services or Extended Practicum in Hospitality Services, Grades 9-12, is allowed with one of the following certificates.
- (1) Any home economics or homemaking certificate.
 - (2) Any marketing or distributive education certificate.
 - (3) Family and Consumer Sciences, Composite: Grades 6-12.
 - (4) Hospitality, Nutrition, and Food Sciences: Grades 8-12.
 - (5) Marketing: Grades 6-12.
 - (6) Marketing Education: Grades 8-12.
 - (7) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
 - (8) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
 - (9) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
 - (10) [~~9~~] 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 Hospitality Services or Extended Practicum in Hospitality Services, Grades 9-12, has completed appropriate training in state and federal requirements regarding work-based learning and safety.

§231.443. Culinary Arts, Grades 9-12.

- (a) An assignment for Introduction to Culinary Arts, Culinary Arts, or Advanced Culinary Arts, Grades 9-12, is allowed with one of the following certificates.
- (1) Any home economics or homemaking certificate.
 - (2) Family and Consumer Sciences, Composite: Grades 6-12.
 - (3) Hospitality, Nutrition, and Food Sciences: Grades 8-12.
 - (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) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
 - (7) [~~6~~] 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 Culinary Arts or Extended Practicum in Culinary Arts, Grades 9-12, is allowed with one of the following certificates.
- (1) Any home economics or homemaking certificate.
 - (2) Family and Consumer Sciences, Composite: Grades 6-12.
 - (3) Hospitality, Nutrition, and Food Sciences: Grades 8-12.
 - (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) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.

- (7) ~~[(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 Culinary Arts or Extended Practicum in Culinary Arts, Grades 9-12, has completed appropriate training in state and federal requirements regarding work-based learning and safety.

Division 19. Human Services, Grades 9-12 Assignments

§231.469. Cosmetology, Grades 9-12.

An assignment for Introduction to Cosmetology, Cosmetology I, Cosmetology II, or Principles of Cosmetology Design and Color Theory, Grades 9-12, is allowed with one of the following certificates plus a valid Cosmetology Operator license or Class A Barber Operator license. ~~[a valid license as a cosmetology instructor issued by the Texas Department of Licensing and Regulation.]~~

- (1) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
- (2) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
- (3) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
- (4) ~~[(3)]~~ Vocational Trades and Industry. This assignment requires appropriate work approval.

Division 20. Information Technology, Grades 9-12 Assignments

§231.481. Information Technology, Grades 9-12.

An assignment for Principles of Information Technology, Networking, or Networking Lab, 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 8-12.
- (8) Technology Education: Grades 6-12.
- (9) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
- (10) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
- (11) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
- (12) ~~[(11)]~~ Vocational Trades and Industry. This assignment requires appropriate work approval.

§231.483. Digital Media, Grades 9-12.

An assignment for Digital Media, 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 8-12.
- (9) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
- (10) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
- (11) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
- (12) ~~(11)~~ Vocational Trades and Industry. This assignment requires appropriate work approval.

§231.485. Web Communications, Web Design, Grades 9-12.

An assignment for Web Communications or Web Design, 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 8-12.
- (5) Technology Education: Grades 6-12.
- (6) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
- (7) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
- (8) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
- (9) ~~(8)~~ Vocational Trades and Industry. This assignment requires appropriate work approval.
- (10) ~~(9)~~ Any business or office education certificate.
- (11) ~~(10)~~ Business and Finance: Grades 6-12.
- (12) ~~(11)~~ Business Education: Grades 6-12.

§231.487. Computer Maintenance, Grades 9-12.

An assignment for Computer Maintenance or Computer Maintenance Lab, 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) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
- (7) ~~(6)~~ Vocational Trades and Industry. This assignment requires appropriate work approval.
- (8) ~~(7)~~ Technology Applications: Early Childhood-Grade 12.
- (9) ~~(8)~~ Technology Applications: Grades 8-12.

§231.489. Computer Technician; Information Technology, Grades 9-12.

- (a) Subject to the requirements in subsection (b) of this section, an assignment for Computer Technician Practicum, Extended Computer Technician Practicum, Practicum in Information Technology, or Extended Practicum in Information Technology, 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 8-12.
 - (6) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
 - (7) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
 - (8) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
 - ~~(9) Vocational Trades and Industry.~~ This assignment requires appropriate work approval.
- (b) The school district is responsible for ensuring that each teacher assigned to Computer Technician Practicum, Extended Computer Technician Practicum, Practicum in Information Technology, or Extended Practicum in Information Technology, Grades 9-12, has completed appropriate training in state and federal requirements regarding work-based learning and safety.

Division 21. Law, Public Safety, Corrections, and Security, Grades 9-12 Assignments**§231.501. Law, Public Safety, Corrections, and Security, Grades 9-12.**

- (a) An assignment for Correctional Services; Court Systems and Practices; Criminal Investigations; Federal Law Enforcement and Protective Services; Firefighter I and II; Law Enforcement I and II; or Principles of Law, Public Safety, Corrections, and Security, Grades 9-12, is allowed with a valid license appropriate for the assignment plus one of the following certificates.
- (1) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
 - (2) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
 - (3) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
 - ~~(4) 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 Law, Public Safety, Corrections, and Security or Extended Practicum in Law, Public Safety, Corrections, and Security, Grades 9-12, is allowed with a current license appropriate for the assignment plus one of the following certificates.
- (1) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
 - (2) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
 - (3) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
 - ~~(4) 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 Law, Public Safety, Corrections, and Security or Extended Practicum in Law, Public Safety, Corrections, and Security, Grades 9-12, has completed appropriate training in state and federal requirements regarding work-based learning and safety.

§231.503. Forensic Science, Grades 9-12.

- (a) Subject to the requirements in subsection (b) of this section, an assignment for Forensic Science, Grades 9-12, is allowed with one of the following certificates.
- (1) Chemistry: Grades 7-12.
 - (2) Chemistry: Grades 8-12.
 - (3) Health Science: Grades 6-12. This assignment requires a bachelor's degree.
 - (4) Health Science Technology Education: Grades 8-12. This assignment requires a bachelor's degree.
 - (5) Life Science: Grades 7-12.
 - (6) Life Science: Grades 8-12.
 - (7) Legacy Master Science Teacher (Grades 8-12).
 - (8) Science: Grades 7-12.
 - (9) Science: Grades 8-12.
 - (10) Secondary Biology (Grades 6-12).
 - (11) Secondary Chemistry (Grades 6-12).
 - (12) Secondary Science (Grades 6-12).
 - (13) Secondary Science, Composite (Grades 6-12).
 - (14) Trade and Industrial Education: Grades 6-12. This assignment requires a bachelor's degree and appropriate work approval.
 - (15) Trade and Industrial Education: Grades 8-12. This assignment requires a bachelor's degree and appropriate work approval.
 - (16) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
 - (17) ~~(16)~~ Vocational Health Occupations. This assignment requires a bachelor's degree.
 - (18) ~~(17)~~ Vocational Health Science Technology. This assignment requires a bachelor's degree.
 - (19) ~~(18)~~ Vocational Trades and Industry. This assignment requires a bachelor's degree and appropriate work approval.
- (b) All teachers assigned to this course shall participate in Texas Education Agency-approved training prior to teaching this course effective with the 2019-2020 school year. Specific details about the required training can be found at tea.texas.gov/cte.

Division 22. Manufacturing, Grades 9-12 Assignments**§231.521. Manufacturing, Grades 9-12.**

- (a) An assignment for Diversified Manufacturing I, Diversified Manufacturing II, Manufacturing Engineering Technology I, Metal Fabrication and Machining I, Metal Fabrication and Machining II, Precision Metal Manufacturing I, Precision Metal Manufacturing II, Precision Metal Manufacturing II Lab, Principles of Manufacturing, Grades 9-12, is allowed using one of the following certificates.
- (1) Mathematics/Physical Science/Engineering: Grades 6-12.
 - (2) Mathematics/Physical Science/Engineering: Grades 8-12.
 - (3) Secondary Industrial Arts (Grades 6-12).
 - (4) Secondary Industrial Technology (Grades 6-12).

- (5) Technology Education: Grades 6-12.
 - (6) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
 - (7) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
 - ~~(8) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.~~
 - ~~(9) [(8)] 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 Manufacturing or Extended Practicum in Manufacturing, Grades 9-12, is allowed with one of the following certificates.
- (1) Mathematics/Physical Science/Engineering: Grades 6-12.
 - (2) Mathematics/Physical Science/Engineering: Grades 8-12.
 - (3) Secondary Industrial Arts (Grades 6-12).
 - (4) Secondary Industrial Technology (Grades 6-12).
 - (5) Technology Education: Grades 6-12.
 - (6) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
 - (7) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
 - ~~(8) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.~~
 - ~~(9) [(8)] Vocational Trades and Industry. This assignment requires appropriate work approval.~~
 - ~~(10) [(9)] Agriculture, Food, and Natural Resources: Grades 6-12.~~
 - ~~(11) [(10)] Agricultural Science and Technology: Grades 6-12.~~
 - ~~(12) [(11)] Any vocational agriculture certificate.~~
- (c) The school district is responsible for ensuring that each teacher assigned to Practicum in Manufacturing or Extended Practicum in Manufacturing, Grades 9-12, has completed appropriate training in state and federal requirements regarding work-based learning and safety.

§231.523. Welding, Grades 9-12.

An assignment for Introduction to Welding, Welding I, Welding II, or Welding II Lab, Grades 9-12, is allowed with one of the following certificates.

- (1) Agriculture, Food, and Natural Resources: Grades 6-12.
- (2) Agricultural Science and Technology: Grades 6-12.
- (3) Any vocational agriculture certificate.
- (4) Secondary Industrial Arts (Grades 6-12).
- (5) Secondary Industrial Technology (Grades 6-12).
- (6) Technology Education: Grades 6-12.
- (7) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
- (8) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
- ~~(9) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.~~
- ~~(10) [(9)] Vocational Trades and Industry. This assignment requires appropriate work approval.~~

§231.525. Manufacturing Engineering Technology II, Grades 9-12.

- (a) An assignment for Manufacturing Engineering Technology II, Grades 9-12, is allowed with one of the following certificates.
- (1) Grades 6-12 or Grades 9-12 Mathematics.
 - (2) Legacy Master Mathematics Teacher (Grades 8-12).
 - (3) Mathematics: Grades 7-12.
 - (4) Mathematics: Grades 8-12.
 - (5) Mathematics/Physical Science/Engineering: Grades 6-12.
 - (6) Mathematics/Physical Science/Engineering: Grades 8-12.
 - (7) Physics/Mathematics: Grades 7-12.
 - (8) Physics/Mathematics: Grades 8-12.
 - (9) Secondary Industrial Arts (Grades 6-12).
 - (10) Secondary Industrial Arts Technology (Grades 6-12).
 - (11) Secondary Mathematics.
 - (12) Technology Education: Grades 6-12.
 - (13) Trade and Industrial Education: Grades 6-12. This assignment requires a bachelor's degree and appropriate work approval.
 - (14) Trade and Industrial Education: Grades 8-12. This assignment requires a bachelor's degree and appropriate work approval.
 - (15) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
 - (16) ~~(15)~~ Vocational Trades and Industry. This assignment requires a bachelor's degree and appropriate work approval.
- (b) All teachers assigned to this course shall participate in Texas Education Agency-approved training prior to teaching the course effective with the 2019-2020 school year. Specific details about the required training can be found at tea.texas.gov/cte.

Division 23. Marketing, Grades 9-12 Assignments**§231.543. Advertising, Grades 9-12.**

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

- (1) Any marketing or distributive education certificate.
- (2) Marketing: Grades 6-12.
- (3) Marketing Education: Grades 8-12.
- (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) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
- (7) ~~(6)~~ Vocational Trades and Industry. This assignment requires appropriate work approval.
- (8) ~~(7)~~ Any business or office education certificate.
- (9) ~~(8)~~ Business and Finance: Grades 6-12.

- (10) ~~(9)~~ Business Education: Grades 6-12.

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

§231.561. Principles of Applied Engineering, Grades 9-12.

An assignment for Principles of Applied Engineering, Grades 9-12, is allowed with one of the following certificates.

- (1) Agriculture, Food, and Natural Resources: Grades 6-12.
- (2) Agricultural Science and Technology: Grades 6-12.
- (3) Any vocational agriculture certificate.
- (4) Health Science: Grades 6-12.
- (5) Health Science Technology Education: Grades 8-12.
- (6) Mathematics/Physical Science/Engineering: Grades 6-12.
- (7) Mathematics/Physical Science/Engineering: Grades 8-12.
- ~~(8) Science, Technology, Engineering, and Mathematics: Grades 6-12.~~
- (8) ~~(9)~~ Secondary Industrial Arts (Grades 6-12).
- (9) ~~(10)~~ Secondary Industrial Technology (Grades 6-12).
- (10) ~~(11)~~ Technology Education: Grades 6-12.
- (11) ~~(12)~~ Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
- (12) ~~(13)~~ Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
- (13) ~~Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.~~
- (14) Vocational Health Occupations.
- (15) Vocational Health Science Technology.
- (16) Vocational Trades and Industry. This assignment requires appropriate work approval.

§231.563. Principles of Biosciences, Grades 9-12.

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

- (1) Agriculture, Food, and Natural Resources: Grades 6-12.
- (2) Agricultural Science and Technology: Grades 6-12.
- (3) Any vocational agriculture certificate.
- (4) Health Science: Grades 6-12.
- (5) Health Science Technology Education: Grades 8-12.
- (6) Mathematics/Physical Science/Engineering: Grades 6-12.
- (7) Mathematics/Physical Science/Engineering: Grades 8-12.
- ~~(8) Science, Technology, Engineering, and Mathematics: Grades 6-12.~~
- (8) ~~(9)~~ Secondary Industrial Technology (Grades 6-12).
- (9) ~~(10)~~ Secondary Industrial Arts (Grades 6-12).

- (10) ~~(41)~~ Technology Education: Grades 6-12.
- (11) ~~(42)~~ Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
- (12) ~~(43)~~ Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
- (13) ~~(44)~~ Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
- (14) ~~(45)~~ Vocational Health Occupations.
- (15) ~~(46)~~ Vocational Health Science Technology.

§231.565. Biotechnology I; Biotechnology II, Grades 9-12.

- (a) Subject to the requirements in subsection (b) of this section, an assignment for Biotechnology I or Biotechnology II, Grades 9-12, is allowed with one of the following certificates.
 - (1) Agriculture, Food, and Natural Resources: Grades 6-12.
 - (2) Agricultural Science and Technology: Grades 6-12.
 - (3) Any vocational agriculture certificate.
 - (4) Health Science: Grades 6-12. This assignment requires a bachelor's degree.
 - (5) Health Science Technology Education: Grades 8-12. This assignment requires a bachelor's degree.
 - (6) Life Science: Grades 7-12.
 - (7) Life Science: Grades 8-12.
 - (8) Legacy Master Science Teacher (Grades 8-12).
 - (9) Science: Grades 7-12.
 - (10) Science: Grades 8-12.
 - ~~(11) Science, Technology, Engineering, and Mathematics: Grades 6-12.~~
 - (11) ~~(42)~~ Secondary Biology (Grades 6-12).
 - (12) ~~(43)~~ Secondary Science (Grades 6-12).
 - (13) ~~(44)~~ Secondary Science, Composite (Grades 6-12).
 - (14) ~~(45)~~ Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
 - (15) ~~(46)~~ Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
 - (16) ~~(47)~~ Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
 - (17) ~~(48)~~ Vocational Health Occupations. This assignment requires a bachelor's degree.
 - (18) ~~(49)~~ Vocational Health Science Technology. This assignment requires a bachelor's degree.
- (b) All teachers assigned to this course shall participate in Texas Education Agency-approved training prior to teaching this course effective with the 2019-2020 school year. Specific details about the required training can be found at tea.texas.gov/cte.

§231.567. Engineering Design and Presentation, Grades 9-12.

- (a) An assignment for Engineering Design and Presentation I or Engineering Design and Presentation II, Grades 9-12, is allowed with one of the following certificates.
 - (1) Mathematics/Physical Science/Engineering: Grades 6-12.
 - (2) Mathematics/Physical Science/Engineering: Grades 8-12.

- ~~[(3) Science, Technology, Engineering, and Mathematics: Grades 6-12.]~~
- (3) ~~[(4)]~~ Secondary Industrial Arts (Grades 6-12).
- (4) ~~[(5)]~~ Secondary Industrial Technology (Grades 6-12).
- (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) ~~Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.~~
- (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 Science, Technology, Engineering, and Mathematics or Extended Practicum in Science, Technology, Engineering, and Mathematics, Grades 9-12, is allowed with one of the following certificates.
- (1) Agriculture, Food, and Natural Resources: Grades 6-12.
- (2) Agricultural Science and Technology: Grades 6-12.
- (3) Any vocational agriculture certificate.
- (4) Health Science: Grades 6-12. This assignment requires a bachelor's degree.
- (5) Health Science Technology Education: Grades 8-12. This assignment requires a bachelor's degree.
- (6) Life Science: Grades 7-12.
- (7) Life Science: Grades 8-12.
- (8) Mathematics/Physical Science/Engineering: Grades 6-12.
- (9) Mathematics/Physical Science/Engineering: Grades 8-12.
- ~~[(10) Science, Technology, Engineering, and Mathematics: Grades 6-12.]~~
- (10) ~~[(11)]~~ Secondary Industrial Arts (Grades 6-12).
- (11) ~~[(12)]~~ Secondary Industrial Technology (Grades 6-12).
- (12) ~~[(13)]~~ Technology Education: Grades 6-12.
- (13) ~~[(14)]~~ Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
- (14) ~~[(15)]~~ Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
- (15) ~~Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.~~
- (16) 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 Science, Technology, Engineering, and Mathematics or Extended Practicum in Science, Technology, Engineering, and Mathematics, Grades 9-12, has completed appropriate training in state and federal requirements regarding work-based learning and safety.

§231.569. Engineering Mathematics; Robotics II, Grades 9-12.

- (a) Subject to the requirements in subsection (b) of this section, an assignment for Engineering Mathematics or Robotics II, Grades 9-12, is allowed with one of the following certificates.
- (1) Legacy Master Mathematics Teacher (Grades 8-12).

- (2) Mathematics: Grades 7-12.
 - (3) Mathematics: Grades 8-12.
 - (4) Mathematics/Physical Science/Engineering: Grades 6-12.
 - (5) Mathematics/Physical Science/Engineering: Grades 8-12.
 - (6) Physics/Mathematics: Grades 7-12.
 - (7) Physics/Mathematics: Grades 8-12.
 - ~~(8) Science, Technology, Engineering, and Mathematics: Grades 6-12.~~
 - (8) ~~(9)~~ Secondary Mathematics (Grades 6-12).
 - (9) ~~(10)~~ Secondary Industrial Arts (Grades 6-12).
 - (10) ~~(11)~~ Secondary Industrial Technology (Grades 6-12).
 - (11) ~~(12)~~ Technology Education: Grades 6-12.
 - (12) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
 - (13) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
 - (14) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
- (b) All teachers assigned to this course shall participate in Texas Education Agency-approved training prior to teaching this course effective with the 2019-2020 school year. Specific details about the required training can be found at tea.texas.gov/cte.

§231.571. AC/DC Electronics; Solid State Electronics, Grades 9-12.

An assignment for Electronics, AC/DC Electronics, or Solid State Electronics, Grades 9-12, is allowed with one of the following certificates.

- (1) Mathematics/Physical Science/Engineering: Grades 6-12.
- (2) Mathematics/Physical Science/Engineering: Grades 8-12.
- ~~(3) Science, Technology, Engineering, and Mathematics: Grades 6-12.~~
- (3) ~~(4)~~ Secondary Industrial Arts (Grades 6-12).
- (4) ~~(5)~~ Secondary Industrial Technology (Grades 6-12).
- (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)~~ Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
- (9) Vocational Trades and Industry. This assignment requires appropriate work approval.

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

- (a) Subject to the requirements in subsection (b) of this section, an assignment for Principles of Technology, Grades 9-12, is allowed with one of the following certificates.
- (1) Legacy 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.]~~
 - ~~(10) [(11)] Secondary Industrial Arts (Grades 6-12).~~
 - ~~(11) [(12)] Secondary Industrial Technology (Grades 6-12).~~
 - ~~(12) [(13)] Secondary Physics (Grades 6-12).~~
 - ~~(13) [(14)] Secondary Science, Composite (Grades 6-12).~~
 - ~~(14) [(15)] Technology Education: Grades 6-12.~~
 - ~~(15) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.~~
 - ~~(16) Trade and Industrial Education: Grades 8-12: This assignment requires appropriate work approval.~~
 - ~~(17) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.~~
- (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. All teachers assigned to these courses shall participate in Texas Education Agency-approved training prior to teaching these courses effective with the 2019-2020 school year. Specific details about the required training can be found at tea.texas.gov/cte.

§231.575. Engineering Design and Problem Solving, Grades 9-12.

- (a) Subject to the requirements in subsection (b) of this section, an assignment for Engineering Design and Problem Solving, Grades 9-12, is allowed with one of the following certificates.
- (1) Legacy 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.]~~
 - ~~(10) [(11)] Secondary Industrial Arts (Grades 6-12).~~
 - ~~(11) [(12)] Secondary Industrial Technology (Grades 6-12).~~
 - ~~(12) [(13)] Secondary Physics (Grades 6-12).~~

- (13) ~~(14)~~ Secondary Science (Grades 6-12).
- (14) ~~(15)~~ Secondary Science, Composite (Grades 6-12).
- (15) ~~(16)~~ Technology Education: Grades 6-12.
- ~~(16) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.~~
- ~~(17) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.~~
- ~~(18) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.~~
- (b) All teachers assigned to this course shall participate in Texas Education Agency-approved training prior to teaching this course effective with the 2019-2020 school year. Specific details about the required training can be found at tea.texas.gov/cte.

§231.577. Scientific Research and Design, Grades 9-12.

- (a) Subject to the requirements in subsection (b) of this section, an assignment for Scientific Research and Design, Grades 9-12, is allowed with one of the following certificates.
- (1) Any vocational or career and technical education classroom teaching certificate with a bachelor's degree and 18 semester credit hours in any combination of sciences.
 - (2) Any science certificate valid for the grade level of the assignment.
 - (3) Legacy Master Science Teacher (Grades 8-12).
 - ~~(4) Science, Technology, Engineering, and Mathematics: Grades 6-12.~~
- (b) All teachers assigned to this course shall participate in Texas Education Agency-approved training prior to teaching this course effective with the 2019-2020 school year. Specific details about the required training can be found at tea.texas.gov/cte.

§231.579. Engineering Science, Grades 9-12.

- (a) Subject to the requirements in subsection (b) of this section, an assignment for Engineering Science, Grades 9-12, is allowed with one of the following certificates.
- (1) Legacy 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.~~
- ~~(10) ~~(11)~~ Secondary Industrial Arts (Grades 6-12).~~
- ~~(11) ~~(12)~~ Secondary Industrial Technology (Grades 6-12).~~
- ~~(12) ~~(13)~~ Secondary Physics (Grades 6-12).~~
- ~~(13) ~~(14)~~ Secondary Science (Grades 6-12).~~
- ~~(14) ~~(15)~~ Secondary Science, Composite (Grades 6-12).~~

- (15) ~~(16)~~ Technology Education: Grades 6-12.
- ~~(16) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.~~
- ~~(17) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.~~
- ~~(18) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.~~
- (b) All teachers assigned to Engineering Science shall participate in Texas Education Agency-approved training prior to teaching this course effective with the 2019-2020 school year. Specific details about the required training can be found at tea.texas.gov/cte.

§231.581. Digital Electronics, Grades 9-12.

- (a) Subject to the requirements in subsection (b) of this section, an assignment for Digital Electronics, Grades 9-12, is allowed with one of the following certificates.
- (1) Legacy Master Mathematics Teacher (Grades 8-12).
 - (2) Mathematics/Physical Science/Engineering: Grades 6-12.
 - (3) Mathematics/Physical Science/Engineering: Grades 8-12.
 - (4) Physics/Mathematics: Grades 7-12.
 - (5) Physics/Mathematics: Grades 8-12.
 - ~~(6) Science, Technology, Engineering, and Mathematics: Grades 6-12.]~~
 - ~~(6) ~~(7)~~ Secondary Industrial Arts (Grades 6-12).~~
 - ~~(7) ~~(8)~~ Secondary Industrial Technology (Grades 6-12).~~
 - ~~(8) ~~(9)~~ Secondary Mathematics (Grades 6-12).~~
 - ~~(9) ~~(10)~~ Technology Education: Grades 6-12.~~
 - ~~(10) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.~~
 - ~~(11) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.~~
 - ~~(12) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.~~
- (b) All teachers assigned to Digital Electronics shall participate in Texas Education Agency-approved training prior to teaching this course effective with the 2019-2020 school year. Specific details about the required training can be found at tea.texas.gov/cte.

§231.583. Robotics I, Grades 9-12.

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

- (1) Mathematics/Physical Science/Engineering: Grades 6-12.
- (2) Mathematics/Physical Science/Engineering: Grades 8-12.
- (3) Physics/Mathematics: Grades 7-12.
- (4) Physics/Mathematics: Grades 8-12.
- ~~(5) Science, Technology, Engineering, and Mathematics: Grades 6-12.]~~
- ~~(5) ~~(6)~~ Secondary Industrial Arts (Grades 6-12).~~
- ~~(6) ~~(7)~~ Secondary Industrial Technology (Grades 6-12).~~
- ~~(7) ~~(8)~~ Technology Applications: Early Childhood-Grade 12.~~
- ~~(8) ~~(9)~~ Technology Applications: Grades 8-12.~~

- (9) ~~[(10)]~~ Technology Education: Grades 6-12.
- (10) ~~[(11)]~~ Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
- (11) ~~[(12)]~~ Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
- (12) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
- (13) Vocational Trades and Industry. This assignment requires appropriate work approval.

§231.587. Fundamentals of Computer Science, Advanced Placement Computer Science Principles, Grades 9-12.

An assignment for Fundamentals of Computer Science or Advanced Placement Computer Science Principles, 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 8-12.
- (7) Trade and Industrial Education: Grades 6-12. This assignment requires a bachelor's degree and appropriate work approval.
- (8) Trade and Industrial Education: Grades 8-12. This assignment requires a bachelor's degree and appropriate work approval.
- (9) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires a bachelor's degree and appropriate work approval.

§231.589. Game Programming and Design, Grades 9-12.

An assignment for Game Programming and Design, 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) Secondary Industrial Arts (Grades 6-12).
- (6) Secondary Industrial Technology (Grades 6-12).
- (7) Technology Applications: Early Childhood-Grade 12.
- (8) Technology Applications: Grades 8-12.
- (9) Technology Education: Grades 6-12.
- (10) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
- (11) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
- (12) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.

- (13) ~~(12)~~ Vocational Trades and Industry. This assignment requires appropriate work approval.

§231.591. Mobile Applications Development, Grades 9-12.

An assignment for Mobile Applications 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 8-12.
- (7) Trade and Industrial Education: Grades 6-12. This assignment requires a bachelor's degree and appropriate work approval.
- (8) Trade and Industrial Education: Grades 8-12. This assignment requires a bachelor's degree and appropriate work approval.
- (9) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires a bachelor's degree and appropriate work approval.
- (10) ~~(9)~~ Any business or office education certificate.
- (11) ~~(10)~~ Business and Finance: Grades 6-12.
- (12) ~~(11)~~ Business Education: Grades 6-12.
- (13) ~~(12)~~ Marketing: Grades 6-12.
- (14) ~~(13)~~ Marketing Education: Grades 8-12.

§231.593. Cybersecurity, Grades 9-12.

An assignment for Foundations of Cybersecurity, Grades 9-12, and Cybersecurity Capstone 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 8-12.
- (7) Technology Education: Grades 6-12.
- (8) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
- (9) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
- (10) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
- (11) ~~(10)~~ Vocational Trades and Industry. This assignment requires appropriate work approval.

Division 25. Transportation, Distribution, and Logistics, Grades 9-12 Assignments**§231.631. Transportation, Distribution, and Logistics, Grades 9-12.**

- (a) An assignment for Energy and Power of Transportation Systems; Aircraft Airframe Technology; Aircraft Powerplant Technology; Automotive Basics; Automotive Technology I: Maintenance and Light Repair; Automotive Technology II: Automotive Service; Advanced Transportation Systems Laboratory; Basic Collision Repair and Refinishing; Collision Repair; Paint and Refinishing; Diesel Equipment Technology I; Diesel Equipment Technology II; Distribution and Logistics; Introduction to Aircraft Technology; Principles of Distribution and Logistics; Principles of Transportation Systems; Introduction to Transportation Technology; or Management of Transportation Systems, Grades 9-12, is allowed with one of the following certificates.
- (1) Technology Education: Grades 6-12.
 - (2) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
 - (3) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
 - (4) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
 - (5) ~~(4)~~ 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 Transportation Systems, Extended Practicum in Transportation Systems, Practicum in Distribution and Logistics, or Extended Practicum in Distribution and Logistics, Grades 9-12, is allowed with one of the following certificates.
- (1) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
 - (2) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
 - (3) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
 - (4) ~~(3)~~ 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 Transportation Systems, Extended Practicum in Transportation Systems, Practicum in Distribution and Logistics, or Extended Practicum in Distribution and Logistics, Grades 9-12, has completed appropriate training in state and federal requirements regarding work-based learning and safety.

§231.633. Small Engine Technology, Grades 9-12.

An assignment for Small Engine Technology I or Small Engine Technology II, Grades 9-12, is allowed with one of the following certificates.

- (1) Agriculture, Food, and Natural Resources: Grades 6-12.
- (2) Agricultural Science and Technology: Grades 6-12.
- (3) Any vocational agriculture certificate.
- (4) Secondary Industrial Arts (Grades 6-12).
- (5) Secondary Industrial Technology (Grades 6-12).
- (6) Technology Education: Grades 6-12.
- (7) Trade and Industrial Education: Grades 6-12. This assignment requires appropriate work approval.
- (8) Trade and Industrial Education: Grades 8-12. This assignment requires appropriate work approval.
- (9) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.

- (10) ~~(9)~~ Vocational Trades and Industry. This assignment requires appropriate work approval.

Division 26. Energy, Grades 9-12 Assignments

§231.651. Energy ~~and Natural Resources~~, Grades 9-12.

An assignment for Oil and Gas Production I; Oil and Gas Production II; Oil and Gas Production III; Oil and Gas Production IV; Introduction to Process Technology; Foundations of Energy; or Petrochemical Safety, Health, and Environment, Grades 9-12, is allowed with one of the following certificates.

- (1) Agriculture, Food, and Natural Resources: Grades 6-12.
- (2) Agricultural Science and Technology: Grades 6-12.
- (3) Any vocational agriculture certificate.
- (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) Trade and Industrial Workforce Training: Grades 6-12. This assignment requires appropriate work approval.
- ~~(7) (6)~~ Vocational Trades and Industry. This assignment requires appropriate work approval.