Item 8:

Consider and Take Appropriate Action on Adoption of Proposed Revisions to 19 TAC Chapter 231, Requirements for Public School Personnel Assignments, 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 TAC Chapter 231, Requirements for Public School Personnel Assignments, Subchapter E, Grades 9-12 Assignments. The proposed revisions to 19 TAC Chapter 231, Subchapter E, would clarify the appropriate credential for placement in a particular teaching assignment and ensure alignment with changes to public school curriculum as a result of House Bill 5, 83rd Texas Legislature, Regular Session, 2013. No changes are recommended since published as proposed.

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

EFFECTIVE DATE: The proposed effective date of the proposed revisions to 19 TAC Chapter 231, Subchapter E, would be May 24, 2015 (20 days after filing as adopted with the *Texas Register*). The proposed effective date is also based on the SBEC and SBOE meeting schedules.

PREVIOUS BOARD ACTION: The SBEC adopted 19 TAC Chapter 231, Subchapter E, effective August 15, 2013. Section 231.333 and §231.481 were amended effective May 18, 2014.

At the October 2014 meeting, the SBEC approved the revisions to 19 TAC Chapter 231, Subchapter E, for publication in the *Texas Register* as proposed rules.

BACKGROUND INFORMATION AND SIGNIFICANT ISSUES: Current 19 TAC Chapter 231, Requirements for Public School Personnel Assignments, Subchapter E, provides guidance to school districts with regard to the certificates required for specific Grades 9-12 assignments of public school educators with corresponding certificates for each assignment for ease of use by school district personnel.

The proposed revisions to 19 TAC Chapter 231, Subchapter E, shown in Attachment II, would identify the appropriate certificates for placement in particular Grades 9-12 classroom assignments. In addition, Finance, Grades 9-12 assignments, would be added as proposed new Division 15, and subsequent divisions would be renumbered accordingly. The proposed revisions would also correct any omissions due to the major reorganization of Chapter 231 in 2013.

No changes are recommended to Chapter 231, Subchapter E, since published as proposed.

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

PUBLIC AND STUDENT BENEFIT: The public and student benefit anticipated as a result of the proposed rule actions would be updated requirements relating to the assignment of educators in Texas public schools.

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

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

PUBLIC COMMENTS: The public comment period on the proposal began November 14, 2014, and ended December 15, 2014, and no comments were received. The SBEC will take registered oral and written comments on this item at the March 6, 2015 meeting in accordance with the SBEC board operating policies and procedures.

ALTERNATIVES: None.

OTHER COMMENTS AND RELATED ISSUES: None.

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

> Approve for adoption, subject to State Board of Education review, the proposed revisions to 19 TAC Chapter 231, Requirements for Public School Personnel Assignments, Subchapter E, Grades 9-12 Assignments, with an effective date of 20 days after filing the adoption notice with the *Texas Register*.

Respectfully submitted,

Ryan Franklin
Associate Commissioner
Educator Leadership and Quality

Staff Member Responsible: Marilyn Cook, Director
Educator Certification

Attachments:
I. Statutory Citations
II. Text of Proposed Revisions to 19 TAC Chapter 231, Requirements for Public School Personnel Assignments, Subchapter E, Grades 9-12 Assignments

ATTACHMENT I

Statutory Citations Relating to Proposed Revisions to 19 TAC Chapter 231, Requirements for Public School Personnel Assignments, Subchapter E, Grades 9-12 Assignments

Texas Education Code, §21.031, Purpose (excerpt):

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

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

(b) The board shall propose rules that:

(1) provide for the regulation of educators and the general administration of this subchapter in a manner consistent with this subchapter;

(2) specify the classes of educator certificates to be issued, including emergency certificates;

ATTACHMENT II
Text of Proposed Revisions to 19 TAC

Chapter 231. Requirements for Public School Personnel Assignments

Subchapter E. Grades 9-12 Assignments

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

§231.151. Languages Other Than English, Grades 9-12.

An assignment for Languages Other Than English, Exploratory Languages, [~~or~~] Cultural and Linguistic Topics, or Special Topics in Language and Culture, Grades 9-12, is allowed with one of the following certificates.

(1) Languages Other Than English certificate in the appropriate language (Early Childhood-Grade 12).

(2) Secondary teacher certificate in the appropriate language of assignment.

Division 8. Technology Applications, Grades 9-12 Assignments

§231.255. Discrete Mathematics for Computer Science , Grades 9-12.

An assignment for Discrete Mathematics for Computer Science , 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) Master Mathematics Teacher (Grades 8-12).

(5) Mathematics: Grades 7-12.

(6) Mathematics: Grades 8-12.

(7) Mathematics/Physical Science/Engineering: Grades 6-12.

(8) Mathematics/Physical Science/Engineering: Grades 8-12.

(9) Physics/Mathematics: Grades 7-12.

(10) Physics/Mathematics: Grades 8-12.

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

Division 9. Career Development, Grades 9-12 Assignments

§231.271. Career Development, Grades 9-12.

(a) Subject to the requirements in subsection (c) of this section, an assignment for Career Preparation I and II, Grades 9-12, is allowed with 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)).

(b) An assignment for Problems and Solutions, Grades 9-12, is allowed with any vocational or CTE classroom teaching certificate specified in §233.13 of this title or §233.14 of this title.

(c) The school district is responsible for ensuring that each teacher assigned to Career Preparation I and II or Problems and Solutions , 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

§231.283. Advanced Animal Science and Advanced Plant and Soil Science, Grades 9-12.

(a) Subject to the requirements in subsection (b) of this section, an assignment for Advanced Animal Science or Advanced Plant and Soil Science, 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) Master Science Teacher (Grades 8-12).

(7) Science: Grades 7-12.

(8) Science: Grades 8-12.

(9) Secondary Biology (Grades 6-12).

(10) Secondary Science, Composite (Grades 6-12).

(b) All teachers assigned to these courses shall participate in Texas Education Agency [~~(TEA)~~] -approved training prior to teaching these courses effective with the 2013-2014 school year. [~~Teachers assigned to these courses in the 2010-2011, 2011-2012, and/or 2012-2013 school years will have 12 months from the date the training is first offered to complete the TEA-approved training requirement.~~]

§231.287. Mathematical Applications in Agriculture, Food, and Natural Resources, Grades 9-12.

(a) Subject to the requirements in subsection (b) of this section, an assignment for Mathematical Applications 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.

(4) Master Mathematics Teacher (Grades 8-12).

(5) Mathematics: Grades 7-12.

(6) Mathematics: Grades 8-12.

(7) Mathematics/Physical Science/Engineering: Grades 6-12.

(8) Mathematics/Physical Science/Engineering: Grades 8-12.

(9) Physics/Mathematics: Grades 7-12.

(10) Physics/Mathematics: Grades 8-12.

(11) Secondary Mathematics (Grades 6-12).

(b) All teachers assigned to this course shall participate in Texas Education Agency [~~(TEA)~~] -approved training prior to teaching this course effective with the 2013-2014 school year. [~~Teachers assigned to this course in the 2010-2011, 2011-2012, and/or 2012-2013 school years will have 12 months from the date the training is first offered to complete the TEA-approved training requirement.~~]

Division 11. Architecture and Construction, Grades 9-12 Assignments

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

(a) An assignment for Construction Management, Advanced Construction Management, Construction Technology, or Advanced 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) [~~(2)~~] Any vocational agriculture certificate.

(4) [~~(3)~~] Mathematics/Physical Science/Engineering: Grades 6-12.

(5) [~~(4)~~] Mathematics/Physical Science/Engineering: Grades 8-12.

(6) [~~(5)~~] Secondary Industrial Arts (Grades 6-12).

(7) [~~(6)~~] Secondary Industrial Technology (Grades 6-12).

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

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

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

(11) [~~(10)~~] 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, 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) [~~(2)~~] Any vocational agriculture certificate.

(4) [~~(3)~~] Mathematics/Physical Science/Engineering: Grades 6-12.

(5) [~~(4)~~] Mathematics/Physical Science/Engineering: Grades 8-12.

(6) [~~(5)~~] Secondary Industrial Arts (Grades 6-12).

(7) [~~(6)~~] Secondary Industrial Technology (Grades 6-12).

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

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

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

(11) [~~(10)~~] 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, Grades 9-12, has completed appropriate training in state and federal requirements regarding work-based learning and safety.

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

§231.331. Professional Communications, Grades 9-12.

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

(1) All-Level Speech and Drama/Theatre Arts (Prekindergarten-Grade 12).

(2) 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)) with a minimum of a bachelor's degree from an accredited institution of higher education that at the time was accredited or otherwise approved by an accrediting organization recognized by the Texas Higher Education Coordination Board and six semester credit hours in speech.

(3) Mathematics/Physical Science/Engineering: Grades 6-12. This assignment requires six semester credit hours in speech.

(4) Mathematics/Physical Science/Engineering: Grades 8-12. This assignment requires six semester credit hours in speech.

(5) Secondary English Language Arts, Composite (Grades 6-12). This assignment requires six semester credit hours in speech.

(6) Secondary Speech (Grades 6-12).

(7) Secondary Speech Communications (Grades 6-12).

(8) Speech: Grades 7-12.

(9) Speech: Grades 8-12.

Division 13. Business Management and Administration, Grades 9-12 Assignments

§231.361. [~~Accounting;~~] Business Information Management; Business Law; [~~Financial Analysis; Insurance Operations; Securities and Investments;~~] and Touch System Data Entry, Grades 9-12.

(a) An assignment for [~~Accounting I and II,~~] Business Information Management I and II, Business Law, ~~Financial Analysis, Insurance Operations, Securities and Investments,~~] or Touch System Data Entry, 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.

(b) Subject to the requirements in subsection (c) of this section, an assignment for Practicum in Business Management, 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.

(c) The school district is responsible for ensuring that each teacher assigned to Practicum in Business Management, Grades 9-12, has completed appropriate training in state and federal requirements regarding work-based learning and safety.

§231.365. Business English, Grades 9-12.

(a) An assignment for Business English, 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) English Language Arts and Reading: Grades 7-12.

(5) English Language Arts and Reading: Grades 8-12.

(6) Grades 6-12 or Grades 9-12--English.

(7) Grades 6-12 or Grades 9-12--English Language Arts, Composite.

(8) Junior High School (Grades 9-10 only) or High School--English.

(9) Junior High School (Grades 9-10 only) or High School--English Language Arts, Composite.

(10) Secondary English (Grades 6-12).

(11) Secondary English Language Arts, Composite (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 2013-2014 school year.

[~~§231.365. Statistics and Risk Management, Grades 9-12.~~]

[~~(a) Subject to the requirements in subsection (b) of this section, an assignment for Statistics and Risk Management, 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) Master Mathematics Teacher (Grades 8-12).~~]

[~~(5) Mathematics: Grades 7-12.~~]

[~~(6) Mathematics: Grades 8-12.~~]

[~~(7) Mathematics/Physical Science/Engineering: Grades 6-12.~~]

[~~(8) Mathematics/Physical Science/Engineering: Grades 8-12.~~]

[~~(9) Physics/Mathematics: Grades 7-12.~~]

[~~(10) Physics/Mathematics: Grades 8-12.~~]

[~~(11) Secondary Mathematics (Grades 6-12).~~]

[~~(b) All teachers assigned to this course shall participate in Texas Education Agency (TEA)-approved training prior to teaching this course effective with the 2013-2014 school year. Teachers assigned to this course in the 2010-2011, 2011-2012, and/or 2012-2013 school years will have 12 months from the date the training is first offered to complete the TEA-approved training requirement.~~]

Division 15. Finance, Grades 9-12 Assignments

§231.391. Banking and Financial Services, Grades 9-12.

An assignment for Banking and Financial Services, Grades 9-12, is allowed with one of the following certificates.

(1) Any business or office education certificate.

(2) Any marketing or distributive education certificate.

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

(4) Business Education: Grades 6-12.

(5) Marketing: Grades 6-12.

(6) Marketing Education: Grades 8-12.

§231.392. Money Matters, Grades 9-12.

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

(1) Any business or office education certificate.

(2) Any homemaking or home economics certificate.

(3) Any marketing or distributive education certificate.

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

(5) Business Education: Grades 6-12.

(6) Family and Consumer Sciences, Composite: Grades 6-12.

(7) Marketing: Grades 6-12.

(8) Marketing Education: Grades 8-12.

§231.393. Accounting; Financial Analysis; Insurance Operations; and Securities and Investments, Grades 9-12.

An assignment for Accounting I; Accounting II; Financial Analysis; Insurance Operations; and Securities and Investments, 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.

§231.394. Statistics and Risk Management, Grades 9-12.

(a) Subject to the requirements in subsection (b) of this section, an assignment for Statistics and Risk Management, 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) Master Mathematics Teacher (Grades 8-12).

(5) Mathematics: Grades 7-12.

(6) Mathematics: Grades 8-12.

(7) Mathematics/Physical Science/Engineering: Grades 6-12.

(8) Mathematics/Physical Science/Engineering: Grades 8-12.

(9) Physics/Mathematics: Grades 7-12.

(10) Physics/Mathematics: Grades 8-12.

(11) Secondary 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 2013-2014 school year.

Division 16 [~~15~~] . 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) [~~(1)~~] Secondary Government (Grades 6-12).

(6) [~~(2)~~] Secondary Political Science (Grades 6-12).

(7) [~~(3)~~] Secondary Social Science, Composite (Grades 6-12).

(8) [~~(4)~~] Secondary Social Studies, Composite (Grades 6-12).

(9) [~~(5)~~] Social Studies: Grades 7-12.

(10) [~~(6)~~] Social Studies: Grades 8-12.

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

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

(13) [~~(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 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) [~~(1)~~] Secondary Government (Grades 6-12).

(6) [~~(2)~~] Secondary Political Science (Grades 6-12).

(7) [~~(3)~~] Secondary Social Science, Composite (Grades 6-12).

(8) [~~(4)~~] Secondary Social Studies, Composite (Grades 6-12).

(9) [~~(5)~~] Social Studies: Grades 7-12.

(10) [~~(6)~~] Social Studies: Grades 8-12.

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

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

(13) [~~(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 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) [~~(4)~~] Secondary Social Science, Composite (Grades 6-12).

(7) [~~(5)~~] Secondary Social Studies, Composite (Grades 6-12).

(8) [~~(6)~~] Social Studies: Grades 7-12.

(9) [~~(7)~~] Social Studies: Grades 8-12.

Division 17 [~~16~~] . Health Science, Grades 9-12 Assignments

Division 18 [~~17~~] . Hospitality and Administration, 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, Restaurant Management, 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) 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 [~~and Tourism~~] , 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) 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 [~~and Tourism~~] , Grades 9-12, has completed appropriate training in state and federal requirements regarding work-based learning and safety.

§231.445. Food Science, Grades 9-12.

(a) Subject to the requirements in subsection (b) of this section, an assignment for Food Science, Grades 9-12, is allowed with one of the following certificates.

(1) Any home economics or homemaking certificate.

(2) Chemistry: Grades 7-12.

(3) Chemistry: Grades 8-12.

(4) Family and Consumer Sciences, Composite: Grades 6-12.

(5) Hospitality, Nutrition, and Food Sciences: Grades 8-12.

(6) Life Science: Grades 7-12.

(7) Life Science: Grades 8-12.

(8) Master Science Teacher (Grades 8-12).

(9) Science: Grades 7-12.

(10) Science: Grades 8-12.

(11) Secondary Biology (Grades 6-12).

(12) Secondary Chemistry (Grades 6-12).

(13) Secondary Science (Grades 6-12).

(14) Secondary Science, Composite (Grades 6-12).

(b) All teachers assigned to this course shall participate in Texas Education Agency [~~(TEA)~~] -approved training prior to teaching this course effective with the 2013-2014 school year. [~~Teachers assigned to this course in the 2010-2011, 2011-2012, and/or 2012-2013 school years will have 12 months from the date the training is first offered to complete the TEA-approved training requirement.~~]

Division 19 [~~18~~] . Human Services, Grades 9-12 Assignments

Division 20 [~~19~~] . Information Technology, Grades 9-12 Assignments

Division 21 [~~20~~] . Law, Public Safety, Corrections, and Security, Grades 9-12 Assignments

§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.

(4) Health Science Technology Education: Grades 8-12.

(5) Life Science: Grades 7-12.

(6) Life Science: Grades 8-12.

(7) 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) Vocational Health Occupations. This assignment requires a bachelor's degree.

(17) Vocational Health Science Technology. This assignment requires a bachelor's degree.

(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 [~~(TEA)~~] -approved training prior to teaching this course effective with the 2013-2014 school year. [~~Teachers assigned to this course in the 2010-2011, 2011-2012, and/or 2012-2013 school years will have 12 months from the date the training is first offered to complete the TEA-approved training requirement.~~]

Division 22 [~~21~~] . Manufacturing, Grades 9-12 Assignments

Division 23 [~~22~~] . Marketing, Grades 9-12 Assignments

§231.541. Marketing, Grades 9-12.

(a) An assignment for Sports and Entertainment Marketing [~~or Marketing Dynamics~~] , 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.

(b) Subject to the requirements in subsection (c) of this section, an assignment for Marketing Dynamics or Practicum in Marketing Dynamics, 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.

(c) The school district is responsible for ensuring that each teacher assigned to Marketing Dynamics or Practicum in Marketing Dynamics, Grades 9-12, has completed appropriate training in state and federal requirements regarding work-based learning and safety.

Division 24 [~~23~~] . Science, Technology, Engineering, and Mathematics, Grades 9-12 Assignments

§231.565. Advanced Biotechnology, Grades 9-12.

(a) Subject to the requirements in subsection (b) of this section, an assignment for Advanced Biotechnology, 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) Life Science: Grades 7-12.

(7) Life Science: Grades 8-12.

(8) 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.

(12) Secondary Biology (Grades 6-12).

(13) Secondary Science (Grades 6-12).

(14) Secondary Science, Composite (Grades 6-12).

(15) Vocational Health Occupations. This assignment requires a bachelor's degree.

(16) Vocational Health Science Technology. This assignment requires a bachelor's degree.

(b) All teachers assigned to this course shall participate in Texas Education Agency [~~(TEA)~~] -approved training prior to teaching this course effective with the 2013-2014 school year. [~~Teachers assigned to this course in the 2010-2011, 2011-2012, and/or 2012-2013 school years will have 12 months from the date the training is first offered to complete the TEA-approved training requirement.~~]

§231.569. Engineering Mathematics, Grades 9-12.

(a) Subject to the requirements in subsection (b) of this section, an assignment for Engineering Mathematics, Grades 9-12, is allowed with one of the following certificates.

(1) 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.

(9) Secondary Mathematics (Grades 6-12).

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

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

(12) Technology Education: Grades 6-12.

(b) All teachers assigned to this course shall participate in Texas Education Agency [~~(TEA)~~] -approved training prior to teaching this course effective with the 2013-2014 school year. [~~Teachers assigned to this course in the 2010-2011, 2011-2012, and/or 2012-2013 school years will have 12 months from the date the training is first offered to complete the TEA-approved training requirement.~~]

§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) Master Science Teacher (Grades 8-12).

(2) Mathematics/Physical Science/Engineering: Grades 6-12.

(3) Mathematics/Physical Science/Engineering: Grades 8-12.

(4) Physical Science: Grades 6-12.

(5) Physical Science: Grades 8-12.

(6) Physics/Mathematics: Grades 7-12.

(7) Physics/Mathematics: Grades 8-12.

(8) Science: Grades 7-12.

(9) Science: Grades 8-12.

(10) Science, Technology, Engineering, and Mathematics: Grades 6-12.

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

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

(13) Secondary Physics (Grades 6-12).

(14) Secondary Science (Grades 6-12).

(15) Secondary Science, Composite (Grades 6-12).

(16) Technology Education: Grades 6-12.

(b) All teachers assigned to this course shall participate in Texas Education Agency [~~(TEA)~~] -approved training prior to teaching this course effective with the 2013-2014 school year. [~~Teachers assigned to this course in the 2010-2011, 2011-2012, and/or 2012-2013 school years will have 12 months from the date the training is first offered to complete the TEA-approved training requirement.~~]

Division 25 [~~24~~] . Transportation, Distribution, and Logistics, Grades 9-12 Assignments