TEACHER ASSIGNMENT CHART

TABLE OF CONTENTS

PART I REQUIREMENTS FOR ASSIGNMENT OF TEACHERS

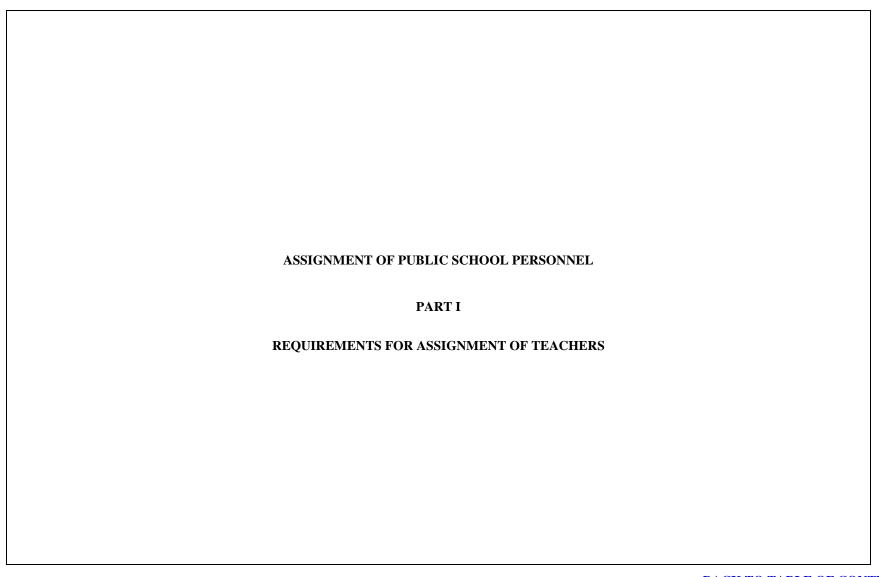
- PREKINDERGARTEN-GRADE 6
- **GRADES** 6-8
- ELECTIVES, DISCIPLINARY COURSES, LOCAL CREDIT COURSES, AND INNOVATIVE COURSES, GRADES 6-12 ASSIGNMENTS
- **GRADES** 9-12

PART II REQUIREMENTS FOR TEACHERS ASSIGNED TO CAREER AND TECHNICAL EDUCATION ASSIGNMENTS

PART III REQUIREMENTS FOR ASSIGNMENT OF SPECIAL EDUCATION RELATED SERVICES PERSONNEL

PART IV REQUIREMENTS FOR ASSIGNMENT OF ADMINISTRATORS, OTHER INSTRUCTIONAL AND PROFESSIONAL SUPPORT, AND PARAPROFESSIONAL PERSONNEL

PART V REQUIREMENTS FOR TEACHERS CERTIFIED BEFORE 1966 AND ASSIGNED TO GRADES 6-12



State Board for Educator Certification 19 TAC Chap		
PREKINDERGARTEN-GRADE 6		
ASSIGNMENTS	CERTIFICATES	
Prekindergarten (PK) General Education	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.	
	Bilingual Generalist: Early Childhood-Grade 4 Early Childhood-Grade 6 Core Subjects: Early Childhood-Grade 6. Early Childhood Education: Grades PK-K Elementary: General (See Notes A and B) Grades 1-6—General (See Notes A and B) Grades 1-8—General (See Notes A and B) Grades PK-6—Early Childhood Education Self-Contained Grades 1-8 (See Notes A and B)	
	English as a Second Language Generalist: Early Childhood-Grade 4 Early Childhood-Grade 6 Generalist: Early Childhood-Grade 4 Early Childhood-Grade 6 Grades Prekindergarten-Grade 5 Grades Prekindergarten-Grade 6 Kindergarten Master Mathematics Teacher (Early Childhood-Grade 4) (mathematics only) Master Reading Teacher (Early Childhood-Grade 12) (reading only) Master Science Teacher (Early Childhood-Grade 4) (science only) Teacher of Young Children—General	

State Board for Educator Certification 19 T			
	PREKINDERGARTEN-GRADE 6		
ASSIGNMENTS	CERTIFICATES		
Bilingual	Bilingual Generalist: Early Childhood-Grade 4 Early Childhood-Grade 6 A valid classroom teaching certificate appropriate for the grade level and subject areas taught plus any bilingual education certificate or endorsement. Early Childhood Education (Grades PK-K) (See Notes D and F) Elementary: General (See Notes A, C, and F) Grades 1-6 (See Notes A, C, and F) Grades 1-8 (See Notes A, C, and F) Grades PK-6 Early Childhood Education(See Notes D and F) Self-Contained, Grades 1-8 (See Notes A and B) Elementary teacher certification with Bilingual Endorsement (See Notes A and B) Grades PK-5—General (See Notes D and F) Grades PK-6: General (See Notes D and F) Bilingual/ESL Grades PK-12 Bilingual/ESL Kindergarten (See Notes D and F) Teacher of Young Children—General (See Notes D and F)		

An assignment for the English component only of a dual language immersion/one-way or two-way bilingual education program model for Prekindergarten is allowed with a valid classroom teaching certificate appropriate for the grade level and subject areas taught plus a bilingual education certificate or endorsement or an English as a Second Language certificate or endorsement.

e Board for Educator Certification	DDEWINDED CADTEN CDADE 4	19 TAC Chapter
ASSIGNMENTS PREKINDERGARTEN-GRADE 6 CERTIFICATES		
English as a Second Language (ESL)	Bilingual Generalist: Early Childhood-Grade 4	
	Early Childhood-Grade 6 Certificate in the subject and at the grade level plus:	
	Bilingual Education Supplemental Bilingual Education Supplemental EC-4 Bilingual Education Supplemental 4-8	
	Bilingual Education Supplemental 4-8 Bilingual/ESL Endorsement	
	English as a Second Language Endorsement English as a Second Language Supplemental	
	Early Childhood Education Grades PK-K (See Note E) Elementary:	
	General (See Notes A, B, and E) Grades 1-6 General (See Notes A, B, and E)	
	Grades 1-8 General (See Notes A, B, and E) Self-Contained: Grades 1-8 (See Notes A and B)	
	Grades PK-6—Early Childhood Education (See Note E) Elementary teacher certificate with:	
	Bilingual or ESL Endorsement (See Notes A and B) English as a Second Language Generalist:	
	Early Childhood-Grade 4 Early Childhood-Grade 6	
	Grades PK-5—General (See Note E) Grades PK-6:	
	General (See Note E) Bilingual/ESL	
	Grades PK-12: Bilingual/ESL	
	English as a Second Language Kindergarten (See Note E)	
	Teacher of Young Children—General (See Note E)	

	State Board for Educator Certification		19 TAC Chapter 231
		PREKINDERGARTEN-GRADE 6	
ASSIGNMENTS CERTIFICATES			

NOTES:

- (A) Teachers assigned prior to the 1991-92 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 1991-92 school year require the early childhood education delivery system or endorsement.
- (C) Initial assignments beginning with the 1991-92 school year require the early childhood education delivery system or endorsement and the bilingual education delivery system or endorsement.
- (D)Initial assignments beginning with the 1991-92 school year require the bilingual education delivery system or endorsement.
- (E) Initial assignments beginning with the 1991-92 school year require the ESL endorsement or the bilingual education delivery system or endorsement.
- (F) Teachers assigned prior to the 1991-92 school year are required to verify oral and written proficiency in the language of the target population as measured by examinations approved by the Texas Education Agency by September 1, 1993, to be eligible for assignment.

State Board for Educator Certification		
PREKINDERGARTEN-GRADE 6		
ASSIGNMENTS	CERTIFICATES	
Kindergarten (K)	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.	
	Bilingual Generalist: Early Childhood-Grade 4 Early Childhood-Grade 6 Core Subjects: Early Childhood-Grade 6 Early Childhood Education (Grades PK-K) Elementary (Grades PK-6)—Early Childhood Education English as a Second Language Generalist: Early Childhood Grade 4 Early Childhood-Grade 6 Generalist:	
	Early Childhood-Grade 4 Early Childhood-Grade 6 Grades PK-5—General	
	Grades PK-6—General Kindergarten Master Mathematics Teacher (Early Childhood-Grade 4) (mathematics only)	
	Master Reading Teacher (Early Childhood-Grade 12) (reading only) Master Science Teacher (Early Childhood-Grade 4) (science only Teacher of Young Children—General	

State Board for Educator Certification 19 TAC Chapter 231		
PREKINDERGARTEN-GRADE 6		
ASSIGNMENTS	CERTIFICATES	
Bilingual, Kindergarten-Grade 6	Bilingual Generalist: Early Childhood-Grade 4 (Kindergarten-Grade 4 only) Early Childhood-Grade 6 Grades 4-8 (Grades 4-6 only) A valid classroom teaching certificate appropriate for the grade level and subject areas taught plus any bilingual education certificate or endorsement. Grades PK-5—Bilingual/ESL (Grades PK-5 only) Grades PK-6—Bilingual/ESL Grades PK-12—Bilingual/ESL	
	y of a dual language immersion/one-way or two-way bilingual education program model for Kindergarten-Grade ertificate appropriate for the grade level and subject areas taught plus a bilingual education certificate or age certificate or endorsement.	
English as a Second Language (ESL), Kindergarten-Grade 6 (Continued on next page)	An elementary certified teacher with an English as a Second Language (ESL) supplemental certificate or endorsement or bilingual education supplemental certificate or endorsement may be assigned to teach ESL at the kindergarten level. A valid classroom teaching certificate appropriate for the grade level and subject areas taught plus Bilingual Education Supplemental (Early Childhood-Grade 4) Bilingual Education Supplemental (Grades 4-8) Bilingual Endorsement Bilingual/English as a Second Language Endorsement English as a Second Language Endorsement. English as a Second Language Supplemental. Bilingual Generalist: Early Childhood-Grade 4 (Kindergarten-Grade 4 only) Early Childhood-Grade 4 (Kindergarten-Grade 4 only) Grades 4-8 (Grades 4-6 only) English as a Second Language Generalist: Early Childhood-Grade 4 (Kindergarten-Grade 4 only) Grades 4-8 (Grades 4-6 only) Early Childhood-Grade 6 Grades PK-5—Bilingual/ESL (for Grades PK-5 only) Grades PK-6—Bilingual ESL Grades PK-6—Bilingual ESL Grades PK-12: English as a Second Language Bilingual/ESL	

State Board for Educator Certification 19 TAC Chapter 2		
	PREKINDERGARTEN-GRADE 6	
ASSIGNMENTS	CERTIFICATES	
(Continued)	Teacher certificate appropriate for grade level of assignment and assigned to teach English as a Second Language (ESL) in an approved ESL program during the 1981-82 school year in the same school distric	
Elementary, Grades 1-6	Bilingual Generalist: Early Childhood-Grade 4 (Grades 1-4 only) Early Childhood-Grade 6 Grades 4-8 (Grades 4-6 only) Core Subjects: Early Childhood-6 Grades 4-8 (Grades 4-6 only) Elementary: General Grades 1-6 Grades 1-8 Grades 1-8 Grades 1-8 Grades 1-8 Grades 1-8 English as a Second Language Generalist: Early Childhood-Grade 4 (Grades 1-4 only) Early Childhood-Grade 6 Grades 4-8 (Grades 4-6 only) Generalist: Early Childhood-Grade 4 (Grades 1-4 only) Early Childhood-Grade 4 (Grades 1-4 only) Grades 4-8 (Grades 4-6 only) Grades 4-8 (Grades 4-6 only) Grades 4-8 (Grades 4-6 only) Grades 9K-5—General Master Mathematics Teacher Early Childhood-Grade 4 (Mathematics in Grades 1-4 only) Grades 4-8 (Mathematics in Grades 4-6 only) Master Reading Teacher (Early Childhood-Grade 12) (Reading in Grades 1-6 only) Master Science Teacher Early Childhood-Grade 4 (Science in Grades 1-4 only) Grades 4-8 (Science in Grades 4-6 only)	

State Board for Educator Certification 19 TAC Chapt		
PREKINDERGARTEN-GRADE 6		
ASSIGNMENTS	CERTIFICATES	
Reading, Grades 1-6	A teacher certificate that matches the subject and grade level of the assignment (PK-6) An elementary teacher certificate appropriate for Grades 1-6 assignment Bilingual Generalist: Early Childhood-Grade 4 (Grades 1-4 only) Early Childhood-Grade 6 Grades 4-8 (Grades 4-6 only) Core Subjects: Early Childhood-Grade 6 Grades 4-8 (Grades 4-6 only) English as a Second Language Generalist: Early Childhood-Grade 4 (Grades 1-4 only) Early Childhood-Grade 6 Grades 4-8 (Grades 4-6 only) English Language Arts and Reading: Grades 4-8 (Grades 4-6 only) English Language Arts and Reading/Social Studies: Grades 4-8 (Grades 4-6 only) Generalist: Early Childhood-Grade 4 (Grades 1-4 only) Early Childhood-Grade 6 Grades 4-8 (Grades 4-6 only) Master Reading Teacher: Early Childhood-Grade 12 Reading Specialist: Early Childhood-Grade 12	
Languages Other Than English, Grades 1-6	A teacher certificate that matches the subject and grade level of the assignment (1-6) Languages Other Than English (LOTE) certificate in the appropriate language (Early Childhood-Grade 12) Secondary teacher certificate with a teaching field in the language of assignment plus six semester credit hours of elementary education	

State Board for Educator Certification	n 19 TAC Chapter 231		
	PREKINDERGARTEN-GRADE 6		
ASSIGNMENTS	CERTIFICATES		
Art, Grades PK-6	A teacher certificate that matches the subject and grade level of the assignment (PK-6) All-Level or Grades PK-12: Art Art: Early Childhood-Grade 12 Bilingual Generalist: Early Childhood-Grade 4 (Early Childhood-Grade 4 only) Early Childhood-Grade 6 Core Subjects: Early Childhood-Grade 6 Early Childhood Education (Grades Prekindergarten and Kindergarten only) English as a Second Language Generalist Early Childhood-Grade 4 (Early Childhood-Grade 4 only) Early Childhood-Grade 6 Generalist Early Childhood-Grade 4 (Early Childhood-Grade 4 only) Early Childhood-Grade 6		
Music, Grades PK-6	A teacher certificate that matches the subject and grade level of the assignment (PK-6) All-Level or Grades PK-12: Music Bilingual Generalist Early Childhood-Grade 4 (Early Childhood-Grade 4 only) Early Childhood-Grade 6 Core Subjects: Early Childhood-Grade 6 Early Childhood Education (Grades Prekindergarten and Kindergarten only) English as a Second Language Generalist: Early Childhood-Grade 4 (Early Childhood-Grade 4 only) Early Childhood-Grade 6 Generalist: Early Childhood-Grade 4 (Early Childhood-Grade 4 only) Early Childhood-Grade 6 Music: Early Childhood-Grade 6		

	PREKINDERGARTEN-GRADE 6	
ASSIGNMENTS	CERTIFICATES	
Theatre PK-6	All-Level: Speech and Drama Speech Communications/Theatre Arts Theatre Arts An elementary teacher certificate appropriate for Grades PK-6 assignment Early Childhood Education (Grades Prekindergarten and Kindergarten only) Theatre: Early Childhood-Grade 12	
Physical Education PK-6	A teacher certificate that matches the subject and grade level of the assignment (PK-6) All-Level: Physical Education Health and Physical Education An elementary teacher certificate appropriate for Grades PK-6 assignment Bilingual Generalist: Early Childhood-Grade 4 (Early Childhood-Grade 4 only) Early Childhood-Grade 6 Core Subjects: Early Childhood-Grade 6 Early Childhood Education (Grades Prekindergarten and Kindergarten only) English as a Second Language Generalist: Early Childhood-Grade 4 (Early Childhood-Grade 4 only) Early Childhood-Grade 6 Generalist Early Childhood-Grade 4 (Early Childhood-Grade 4 only) Early Childhood-Grade 6 Physical Education: Early Childhood-Grade 12	
Technology Applications	A teacher certificate that matches the subject and grade level of the assignment (PK-6), plus verification o competency to teach Technology Applications Technology Applications EC-12	

State Board for Educator Certification		19 TAC Chapter 231
MIDDLE SCHOOL-GRADES 6-8 GRADES 6-8 (SELF-CONTAINED)		
ASSIGNMENTS	CERTIFICATE	
All General Subjects in Grades 6-8 (Self-contained)	Bilingual Generalist: Early Childhood-Grade 6 (Grade 6 only) Grades 4-8 (English language arts, mathematics, science, and social studies only) Core Subjects: Early Childhood-Grade 6 (Grade 6 only) Grades 4-8 (English language arts, mathematics, science, and social studies only) Elementary: General Grades 1-6—General (Grade 6 only) Grades 1-8—General Grades PK-6—Early Childhood Education (Grade 6 only) Self-Contained (Grades 1-8) English as a Second Language Generalist: Early Childhood-Grade 6 (Grade 6 only) Grades 4-8 (English language arts, mathematics, science, and social studies only) Generalist: Early Childhood-Grade 6 (Grade 6 only) Grades 4-8 (English language arts, mathematics, science, and social studies only) Grades 4-8 (English language arts, mathematics, science, and social studies only) Grades PK-6—General (Grade 6 only)	

NOTE: Self-contained is defined as a class in which one teacher teaches all or most subjects to one class of students.

	GRADES 6-8 (DEPARTMENTALIZED)		
ASSIGNMENTS	ELEMENTARY LEVEL CERTIFICATE	SECONDARY OR ALL-LEVEL CERTIFICATE	
All General Subjects in Grade 6	Any elementary teacher certificate appropriate for Grade 6 Bilingual Generalist: Early Childhood-Grade 6 Grades 4-8 (English language arts, mathematics, science, and social studies only) Core Subjects: Early Childhood-Grade 6 Grades 4-8 (English, language arts, mathematics, science, and social studies only) English as a Second Language Generalist: Early Childhood-Grade 6 Grades 4-8 (English, language arts, mathematics, science, and social studies only) Generalist: Early Childhood-Grade 6 Grades 4-8 (English language arts, mathematics, science, and social studies only)	Requirements for a 6th grade assignment for a holder of a Secondary or All-Level certificate are the same as those listed in departmentalized assignments below.	
ENGLISH LANGUAGE ARTS English Language Arts (Continued on next page)	Bilingual Generalist: Early Childhood-Grade 6 (Grade 6 only) Grades 4-8 Core Subjects: Early Childhood-Grade 6 (Grade 6 only) Grades 4-8 Elementary, Grades 1-8—English Elementary teacher certificate plus 18 semester credit hours in English English as a Second Language Generalist: Early Childhood-Grade 6 (Grade 6 only) Grades 4-8	Junior High School, High School, Secondary, Grades 6-12 or Grades 6-8: English English Language Arts, Composite English Language Arts and Reading: Grades 7-12 (Grades 7 and 8) Grades 8-12 (Grade 8 only) Secondary or All-Level teacher certificate plus 18 semester credit hours in English	

State Board for Educator Certification		19 TAC Chapter 231
GRADES 6-8 (DEPARTMENTALIZED)		
ASSIGNMENTS	ELEMENTARY LEVEL CERTIFICATE	SECONDARY OR ALL-LEVEL CERTIFICATE
ENGLISH LANGUAGE ARTS English Language Arts (Continued)	English Language Arts and Reading: Grades 4-8 English Language Arts and Reading/Social Studies: Grades 4-8 Generalist: Early Childhood-Grade 6 (Grade 6 only) Grades 4-8	
English as a Second Language (ESL)	Valid classroom teaching certificate appropriate for the grade level and subject areas, plus: Bilingual Education Supplemental Bilingual Education Supplemental EC-4 Bilingual Education Supplemental 4-8 Bilingual Endorsement Bilingual/ESL Endorsement ESL Endorsement ESL Supplemental	Valid classroom teaching certificate appropriate for the grade level and subject areas, plus: Bilingual Education Supplemental Bilingual Education Supplemental EC-4 Bilingual Education Supplemental 4-8 Bilingual Endorsement Bilingual/ESL Endorsement ESL Endorsement ESL Supplemental
	Or one of the following: Bilingual Generalist: Early Childhood-Grade 6 (Grade 6 only) Grades 4-8 Elementary: Grades 1-8—Bilingual/ESL Elementary teacher certificate and assigned to teach English as a Second Language (ESL) in an approved ESL program during 1981-82 school year in the same school district. Elementary—Bilingual English as a Second Language Generalist: Early Childhood-Grade 6 (Grade 6 only) Grades 4-8 Grades PK-6—Bilingual/ESL (Grade 6 only)	Or one of the following: Junior High School, High School, Secondary, Grades 6-12: Bilingual/ESL

State Board for Educator Certification	n	19 TAC Chapter 231	
	GRADES 6-8 (DEPARTMENTALIZED)		
ASSIGNMENTS	ELEMENTARY LEVEL CERTIFICATE	SECONDARY OR ALL-LEVEL CERTIFICATE	
Reading (At or above grade level)	Bilingual Generalist: Early Childhood-Grade 6 (Grade 6 only) Grades 4-8 Core Subjects: Early Childhood-Grade 6 (Grade 6 only) Grades 4-8 Elementary, Grades 1-8: English 1 Reading 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 English as a Second Language Generalist: Early Childhood-Grade 6 (Grade 6 only) Grades 4-8 English Language Arts and Reading: Grades 4-8 English Language Arts and Reading/Social Studies: Grades 4-8 Generalist: Early Childhood-Grade 6 (Grade 6 only) Grades 4-8	English Language Arts and Reading: Grades 7-12 (Grade 7 and 8 only) Grades 8-12 (Grade 8 only) Junior High School or High School, English English Language Arts, Composite ² Reading Master Reading Teacher (Early Childhood-Grade 12) Reading Specialist Reading Specialist (Early Childhood-Grade 12) Secondary, Grades 6-12 or Grades 6-8: English ¹ English Language Arts, Composite ² Reading 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	

¹Plus verifiable preparation in teaching of reading such as in-service, seminar, or college course in reading. Initial assignments beginning with the 1990-91 school year require nine semester credit hours of upper-division coursework in reading with at least one course in diagnostic reading techniques.

²Includes 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.

GRADES 6-8 (DEPARTMENTALIZED)		
ASSIGNMENTS	ELEMENTARY LEVEL CERTIFICATE	SECONDARY OR ALL LEVEL CERTIFICATI
Reading Improvement (One year or more below grade level)	Bilingual Generalist: Early Childhood-Grade 6 (Grade 6 only) Grades 4-8 Core Subjects: Early Childhood-Grade 6 (Grade 6 only) Grades 4-8 Elementary, Grades 1-8: English ¹ Reading 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 English as a Second Language Generalist: Early Childhood-Grade 6 (Grade 6 only) Grades 4-8 English Language Arts and Reading: Grades 4-8 English Language Arts and Reading/Social Studies: Grades 4-8 Generalist: Early Childhood-Grade 6 (Grade 6 only) Grades 4-8	English Language Arts and Reading: Grades 7-12 (Grade 7 and 8 only) Grades 8-12 (Grade 8 only) Junior High School, High School, Secondary, Grade 6-12 or Grades 6-8: English English Language Arts, Composite Reading Master Reading Teacher (Early Childhood-Grade 12) Reading Specialist Reading Specialist (Early Childhood-Grade 12) Teacher certificate plus 9 semester credit hours of upper-division coursework in reading with at least one course in diagnostic reading techniques ³

State Board for Educator Certification

BACK TO TABLE OF CONTENTS

19 TAC Chapter 231

Plus verifiable preparation in the teaching of reading such as in-service, seminar, or college course in reading. Initial assignments beginning with the 1990-91 school year require nine semester credit hours of upper-division coursework in reading with at least one course in diagnostic reading techniques.

² Includes at least six semester credit hours in 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.

³ Initial assignments beginning with the 1990-91 school year require a teaching field or specialization in English plus nine semester credit hours of upperdivision coursework in reading with at least one course in diagnostic reading techniques.

State Board for Educator Certification	n	19 TAC Chapter 231
GRADES 6-8 (DEPARTMENTALIZED)		
ASSIGNMENTS	ELEMENTARY LEVEL CERTIFICATE	SECONDARY OR ALL LEVEL CERTIFICATE
Speech	Elementary: Speech Grades 1-8—Speech Communications Elementary teacher certificate plus 12 semester credit hours in speech	All-Level (Grades PK-12)—Speech Communications/Theatre Arts All-Level Speech and Drama Junior High School or High School: English Language Arts, Composite ⁴ Speech Speech and Drama Secondary, Grades 6-12 or Grades 6-8: English Language Arts, Composite ⁴ Speech Communications Secondary or All-Level teacher certificate plus 12 semester credit hours in speech Speech: Grades 7-12 (Grades 7 and 8 only) Grades 8-12 (Grade 8 only)
⁴ Includes at least six semester credit h	ours in speech.	
LANGUAGES OTHER THAN ENGLISH Languages Other Than English Exploratory Languages Cultural and Linguistic Topics	Elementary teacher certificate in the appropriate language of assignment Elementary teacher certificate plus 18 semester credit hours in language of assignment	Languages Other Than English (LOTE) certificate in the appropriate language (Early Childhood-Grade 12) Secondary or All-Level teacher certificate plus 18 semester credit hours in language of assignment Secondary teacher certificate in the appropriate language of assignment
American Sign Language		American Sign Language American Sign Language (ASL): Early Childhood- Grade 12
NOTE: TASC-ASL is required for an A	American Sign Language assignment.	

State Board for Educator Certification	on	19 TAC Chapter 231
GRADES 6-8 (DEPARTMENTALIZED)		
ASSIGNMENTS	ELEMENTARY LEVEL CERTIFICATE	SECONDARY OR ALL LEVEL CERTIFICATE
SOCIAL STUDIES Social Studies, Grade 6	Any elementary teacher certificate appropriate for Grade 6 Bilingual Generalist: Early Childhood-Grade 6 Grades 4-8 Core Subjects: Early Childhood-Grade 6 Grades 4-8 English as a Second Language Generalist: Early Childhood-Grade 6 Grades 4-8 English Language Arts and Reading/Social Studies: Grades 4-8 Generalist: Early Childhood-Grade 6 Grades 4-8 Social Studies: Grades 4-8 Social Studies: Grades 4-8	Junior High School or High School: Anthropology Economics Geography Government-Political Science History Psychology Sociology Social Science, Composite Secondary, Grades 6-12, or Grades 6-8: Economics Geography Government History Psychology Sociology Sociology Sociology Sociology Social Studies Social Studies, Composite Secondary or All-Level teacher certificate plus 18 semester credit hours in social studies
Social Studies, Grades 7 and 8 (Continued on next page)	Bilingual Generalist: Grades 4-8 Core Subjects: Grades 4-8 Elementary: History Elementary (Grades 1-8): History Social Studies Elementary teacher certificate plus 18 semester credit hours in social studies English as a Second Language Generalist: Grades 4-8	History: Grades 7-12 Grades 8-12 (Grade 8 only) Junior High School or High School, History Social Science, Composite Secondary, Grades 6-12, or Grades 6-8: History Social Studies Social Studies, Composite

GRADES 6-8 (DEPARTMENTALIZED)		
ASSIGNMENTS	ELEMENTARY LEVEL CERTIFICATE	SECONDARY OR ALL LEVEL CERTIFICATE
Social Studies, Grades 7 and 8 (Continued)	English Language Arts and Reading/Social Studies: Grades 4-8 Generalist: Grades 4-8 Social Studies: Grades 4-8	Secondary or All-Level teacher certificate plus 18 semester credit hours in social studies Social Studies: Grades 7-12 Grades 8-12(Grade 8 only)
MATHEMATICS	Bilingual Generalist: Early Childhood-Grade 6 (Grade 6 only) Grades 4-8 Core Subjects: Early Childhood-Grade 6 (Grade 6 only) Grades 4-8 Elementary Grades 1-8: Mathematics Elementary teacher certificate plus 18 semester credit hours in mathematics English as a Second Language Generalist: Early Childhood-Grade 6 (Grade 6 only) Grades 4-8 Generalist: Early Childhood-Grade 6 (Grade 6 only) Grades 4-8 Mathematics: Grades 4-8 Mathematics: Grades 4-8 Mathematics: Grades 4-8 NOTE: A teacher holding an Elementary Mathematics: Grades 1-8, or Mathematics: Grades 4-8 certificate may teach Algebra I at the middle school level for high school graduation credit.	Junior High School or High School, Mathematics Mathematical Science, Composite Master Mathematics Teacher: Grades 4-8 Grades 8-12 (Grade 8 only) Mathematics: Grades 7-12 (Grades 7-8 only) Grades 8-12 (Grade 8 only) Mathematics/Physical Science/Engineering: Grades 6-12 Grades 8-12 (Grade 8 only) Physics/Mathematics: Grades 7-12 (Grades 7-8 only) Grades 8-12 (Grade 8 only) Secondary, Grades 6-12, or Grades 6-8: Mathematics Secondary or All-Level teacher certificate plus 18 semester credit hours in mathematics

State Board for Educator Certifica	ntion	19 TAC Chapter 231
GRADES 6-8 (DEPARTMENTALIZED)		
ASSIGNMENTS	ELEMENTARY LEVEL CERTIFICATE	SECONDARY OR ALL LEVEL CERTIFICATE
SCIENCE Science, Grade 6	Any elementary teacher certificate appropriate for Grade 6 Bilingual Generalist: Early Childhood-Grade 6, Grades 4-8 Core Subjects: Early Childhood-Grade 6 Grades 4-8 English as a Second Language Generalist: Early Childhood-Grade 6 Grades 4-8 Generalist: Early Childhood-Grade 6 Grades 4-8 Mathematics/Science: Grades 4-8 Science: Grades 4-8	Junior High School or High School, Biology Chemistry Earth Science Life/Earth Science Life/Earth Middle-School Science Physical Science Physics Science Science, Composite Master Science Teacher (Grades 4-8) Mathematics/Physical Science/Engineering: Grades 6-12 Secondary, Grades 6-12, or Grades 6-8: Biology Chemistry Earth Science Life/Earth Science Physical Science Physical Science Physics Science Science Science, Composite Secondary or All-Level teacher certificate plus 18 semester credit hours in any combination of sciences
Science, Grades 7 and 8 (Continued on next page)	Bilingual Generalist: Grades 4-8 Core Subjects: Grades 4-8 Elementary or Elementary (Grades 1-8): Biology Chemistry Earth Science Life/Earth Middle-School Science Physical Science	Chemistry: Grades 7-12 Grades 8-12 (Grade 8 only) Junior High School or High School Biology Chemistry Earth Science Life/Earth Middle-School Science

State Board for Educator Certification	on	19 TAC Chapter 231	
	GRADES 6-8 (DEPARTMENTALIZED)		
ASSIGNMENTS	ELEMENTARY LEVEL CERTIFICATE	SECONDARY OR ALL LEVEL CERTIFICATE	
Science, Grades 7 and 8 (Continued)	Elementary or Elementary (Grades 1-8): Physics Elementary teacher certificate plus 18 semester credit hours in any combination of sciences English as a Second Language Generalist: Grades 4-8 Generalist: Grades 4-8 Mathematics/Science: Grades 4-8 Science: Grades 4-8	Junior High School or High School Physical Science Physics Science Science, Composite Life Science: Grades 8-12 (Grade 8 only) Grades 7-12 Master Science Teacher: Grades 4-8 Grades 8-12 (Grade 8 only) Mathematics/Physical Science/Engineering: Grades 6-12 Grades 8-12 (Grade 8 only) Physical Science: Grades 6-12 Grades 8-12 (Grade 8 only) Physics/Mathematics: Grades 7-12 Grades 8-12 (Grade 8 only) Science: Grades 8-12 (Grade 8 only)	

State Board for Educator Certifica	tion	19 TAC Chapter 231
	GRADES 6-8 (DEPARTMENTALIZED)	
ASSIGNMENTS	ELEMENTARY LEVEL CERTIFICATE	SECONDARY OR ALL LEVEL CERTIFICATE
HEALTH	Bilingual Generalist: Early Childhood-Grade 6 (Grade 6 only) Core Subjects: Early Childhood-Grade 6 (Grade 6 only) Elementary, Grades 1-8: Health Health and Physical Education Physical Education 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 English as a Second Language Generalist: Early Childhood-Grade 6 (Grade 6 only) Generalist: Early Childhood-Grade 6 (Grade 6 only)	All-Level: Health and Physical Education Physical Education Health: Early Childhood-Grade 12 Junior High School or High School, Health Health and Physical Education Physical Education Physical Education: Early Childhood-Grade 12 Secondary, Grades 6-12, or Grades 6-8: Health Physical Education Secondary or All-Level teacher certificate plus 12 semester credit hours 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
PHYSICAL EDUCATION	Bilingual Generalist: Early Childhood-Grade 6 (Grade 6 only) Core Subjects: Early Childhood-Grade 6 (Grade 6 only) Elementary Health and Physical Education Physical Education Elementary (Grades 1-8) Physical Education Elementary teacher certificate plus 12 semester credit hours in physical education, including safety and coordinated school health programs English as a Second Language Generalist: Early Childhood-Grade 6 (Grade 6 only) Generalist: Early Childhood-Grade 6 (Grade 6 only)	All-Level: Health and Physical Education Physical Education Junior High School or High School: Health and Physical Education Physical Education Secondary, Grades 6-12, Grades 6-8: Physical Education Physical Education Physical Education Physical Education (Early Childhood -Grades 12) Secondary or All-Level teacher certificate plus 12 semester credit hours in physical education, including safety and coordinated school health programs

State Board for Educator Certification 19 TAC Chap		19 TAC Chapter 231
Middle School 1-3		
ASSIGNMENTS	ELEMENTARY LEVEL CERTIFICATE	SECONDARY OR ALL LEVEL CERTIFICATE
FINE ARTS Art (Middle School 1-3)	Bilingual Generalist: Early Childhood-Grade 6 (Grade 6 only) Core Subjects: Early Childhood-Grade 6 (Grade 6 only) Elementary, Grades 1-8: Art Elementary teacher certificate plus 18 semester credit hours in art English as a Second Language Generalist: Early Childhood-Grade 6 (Grade 6 only) Generalist: Early Childhood-Grade 6 (Grade 6 only)	Art: Early Childhood-Grade 12 Junior High School, High School, Secondary, Grades 6-12, Grades 6-8, or All Level: Art Secondary or All-Level teacher certificate plus 18 semester credit hours in art
Music (Middle School 1-3)	Bilingual Generalist: Early Childhood-Grade 6 (Grade 6 only) Core Subjects: Early Childhood-Grade 6 (Grade 6 only) Elementary or Elementary (Grades 1-8): Music Elementary teacher certificate plus 18 semester credit hours in music English as a Second Language Generalist: Early Childhood-Grade 6 (Grade 6 only) Generalist: Early Childhood-Grade 6 (Grade 6 only)	Junior High School, High School, Secondary, Grades 6-12, Grades 6-8, or All-level: Music Music: Early Childhood-Grade 12 Secondary or All-Level teacher certificate plus 18 semester credit hours in music
Theatre (Middle School 1-3)	Elementary—Drama Elementary (Grades 1-8)—Theatre Arts Elementary teacher certificate plus 18 semester credit hours in theatre arts/drama	All-Level—Speech and Drama All-Level (Grades PK-12)—Speech Communications/Theatre Arts Junior High School or High School: Drama Speech and Drama Secondary, Grades 6-12, or Grades 6-8: Theatre Arts Secondary or All-Level teacher certificate plus 18 semester credit hours in theatre arts/drama Theatre: Early Childhood-Grade 12

State Board for Educator Certifica	tion	19 TAC Chapter 231	
	GRADES 6-8 (DEPARTMENTALIZED)		
ASSIGNMENTS	ELEMENTARY LEVEL CERTIFICATE	SECONDARY OR ALL LEVEL CERTIFICATE	
Dance (Middle School 1-3)		Dance: Grades 8-12	
Technology Applications	Elementary teacher certificate plus verification of competency to teach computer literacy	Information Processing Technologies Endorsement (Level one or two) Junior High School, High School, Secondary, Grades 6-12, Grades 6-8: Computer Information Systems Secondary teacher certificate plus verification of competency to teach computer literacy Technology Applications: Early Childhood-Grade 12 Grades 8-12 (Grade 8 only)	
CAREER DEVELOPMENT Exploring Careers Career Portals		Any vocational or career and technical education (CTE) classroom teaching certificate See 19 TAC §233.13 and §233.14 for examples of current CTE certificates.	

State Board for Educator Certification	19 TAC Chapter 231	
	GRADES 6-12	
ASSIGNMENTS	CERTIFICATES	
Reserve Officers' Training Corps (ROTC) For Physical Education Substitution Credit	Junior Reserve Officer Training Corps: Grades 6-12 Emergency Permit for Reserve Officer Training Corps (ROTC): Grades 6-12 An ROTC instructor permit may not be renewed, but must be reissued every year. NOTE: School districts must apply and pay for reissuance of a new ROTC instructor emergency permit each	
ATHLETICS, CHEERLEADING, DRILL TEAM, MARCHING BAND For Physical Education Substitution Credit	year the instructor serves. ROTC may be used for Physical Education substitution credit. Teacher certificate appropriate for grade level of assignment	
DISCIPLINARY ALTERNATIVE EDUCATION (See In-School Suspension)	ON PROGRAMS	
IN-SCHOOL SUSPENSION CLASS (for students assigned less than six weeks)	Educational Aide III under daily supervision of a teacher certified at the grade level of assignment	
IN-SCHOOL SUSPENSION CLASS (for students assigned more than six weeks)	Valid certificate appropriate for grade level of assignment	
MAGNET COURSE INNOVATIVE COURSE	Teacher certificate appropriate for grade level of assignment or Texas Education Agency approval	
LOCAL CREDIT COURSE	Teacher certificate appropriate for grade level of assignment or appropriate qualifications as determined by the school district	
ADVANCED PLACEMENT COURSE INTERNATIONAL BACCALAUREATE COURSE	Teacher certificate appropriate for the area and grade level of assignment unless otherwise specified in this subsection	
DRIVER EDUCATION	Driver Education Endorsement	

State Board for Educator Certification	19 TAC Chapter 231
	GRADES 9-12
ASSIGNMENTS	CERTIFICATES
ENGLISH LANGUAGE ARTS AND READING English I-IV	English Language Arts and Reading: Grades 7-12 Grades 8-12 Junior High School (Grades 9-10 only), High School, Secondary, Grades 6-12, or Grades 9-12: English English Language Arts, Composite
English I and II for Speakers of Other Languages	English Language Arts and Reading: Grades 7-12 Grades 8-12 Junior High School (Grades 9-10 only), High School, Secondary, Grades 6-12 or Grades 9-12: English English Language Arts, Composite
	Plus one of the following: Bilingual Education Supplemental Bilingual Education Supplemental EC-4 Bilingual Education Supplemental 4-8 Bilingual Endorsement Bilingual/ESL Endorsement English as a Second Language Endorsement English as a Second Language Supplemental Grades PK-12—Bilingual/ESL Grades PK-12—English as a Second Language Junior High School (grades 9-10 only), High School, or Secondary: Bilingual/ESL

NOTE: At the discretion of the employing school district, persons assigned to teach ESOL I or ESOL II prior to June 21, 2009, may continue in the assignment without holding an English, English Language Arts Composite, or English Language Arts and Reading certificate. If a person is reassigned and later returns to teach in an ESOL II or ESOL II assignment, current rules will apply.

State Board for Educator Certification	19 TAC Chapter 23
	GRADES 9-12
ASSIGNMENTS	CERTIFICATES
English as a Second Language (ESL)	Teaching certificate appropriate for the grade level and subject areas taught plus one of the following: Bilingual Education Supplemental EC-4 Bilingual Education Supplemental 4-8 Bilingual Endorsement Bilingual/ESL Endorsement English as a Second Language Endorsement English as a Second Language Supplemental Grades PK-12—Bilingual/ESL Grades PK-12—English as a Second Language Junior High School (grades 9-10 only), High School, or Secondary: Bilingual/ESL
Reading I, II, and III	English Language Arts and Reading: Grades 7-12 Grades 8-12 Junior High School (Grades 9-10 only), High School, Secondary, Grades 6-12 or Grades 9-12: English ⁵ English Language Arts, Composite ⁶ Reading Master Reading Teacher (Early Childhood-Grade 12) Reading Specialist Reading Specialist (Early Childhood-Grade 12) Secondary or All-Level teacher certificate plus 9 semester credit hours of upper-division course work in reading with at least one course in diagnostic reading techniques ⁷

State Board for Educator Certification	tate Board for Educator Certification 19 TAC Chapter 231	
	GRADES 9-12	
ASSIGNMENTS	CERTIFICATES	
College Readiness and Study Skills	English Language Arts and Reading: Grades 7-12 Grades 8-12 Junior High School (Grades 9-10 only), High School, Secondary, Grades 6-12 or Grades 9-12: English ⁵ English Language Arts, Composite ⁶ Reading Master Reading Teacher (Early Childhood-Grade 12) Reading Specialist Reading Specialist (Early Childhood-Grade 12)	
991 school year require nine semester credit Includes at least six semester credit hours in upper-division coursework in reading with a	reading such as in-service, seminar, or college course in reading. Initial assignments beginning with the 1990-hours of upper-division coursework in reading with at least one course in diagnostic reading techniques. reading. Initial assignments beginning with the 2003-2004 school year require nine semester credit hours of t least one course in diagnostic reading techniques. 91 school year require a teaching field in English plus nine semester credit hours of upper-division coursework stic reading techniques.	
Writing Research and Technical Writing Creative Writing Practical Writing Skills Literary Genres Humanities Independent Study in English Visual Media Analysis and Production Contemporary Media	English Language Arts and Reading: Grades 7-12 Grades 8-12 Junior High School (Grades 9-10 only), High School, Secondary, Grades 6-12, or Grades 9-12: English English Language Arts, Composite	

e Board for Educator Certification 19 TAC Chapter 23:	
	GRADES 9-12
ASSIGNMENTS	CERTIFICATES
Oral Interpretation I, II, III Debate I, II, III Public Speaking I, II, III Independent Study in Speech Communication Applications Professional Communications ⁹	All-Level— Speech and Drama Speech Communications/Theatre Arts Junior High School (Grades 9-10 only) or High School: English Language Arts, Composite ⁸ Speech Speech and Drama Secondary, Grades 6-12, or Grades 9-12: Speech Communications Speech: Grades 7-12 Grades 8-12
	on (CTE) certificate with a bachelor's degree and six semester credit hours in speech may teach the See 19 TAC §233.13 and §233.14 for examples of current CTE certificates.
Journalism Advanced Journalism: Yearbook I, II, III Literary Magazine Newspaper Production I, II, III Photojournalism Advanced Broadcast Journalism I, II, III Independent Study in Journalism	Journalism: Grades 7-12 Grades 8-12 Junior High School (Grades 9-10 only) High School, Secondary, Grades 6-12, or Grades 9-12: English Language Arts, Composite ¹⁰ Journalism

State Board for Educator Certification	19 TAC Chapter 231
	GRADES 9-12
ASSIGNMENTS	CERTIFICATES
LANGUAGES OTHER THAN ENGLISH Languages Other Than English Exploratory Languages Cultural and Linguistic Topics	Languages Other Than English (LOTE) certificate in the appropriate language (Early Childhood-Grade 12) Secondary teacher certificate in the appropriate language of assignment
American Sign Language	American Sign Language American Sign Language: Early Childhood-Grade 12
NOTE: TASC-ASL is required for an America	n Sign Language assignment.
SOCIAL STUDIES	History:
History	Grades 7-12 Grades 8-12 Lypion Wick School (Crades 0, 10 only) on Wich School
	Junior High School (Grades 9-10 only) or High School: History
	Social Science, Composite
	Secondary, Grades 6-12, or Grades 9-12:
	History Social Studies
	Social Studies, Composite
	Social Studies:
	Grades 7-12
	Grades 8-12

State Board for Educator Certification	e Board for Educator Certification 19 TAC	
	GRADES 9-12	
ASSIGNMENTS	CERTIFICATES	
Geography	Junior High School (Grades 9-10 only) or High School Geography Social Science, Composite Secondary, Grades 6-12, or Grades 9-12: Geography Social Studies Social Studies, Composite Social Studies: Grades 7-12 Grades 8-12	
Government	Junior High School (Grades 9-10 only) or High School: Government-Political Science Social Science, Composite Secondary, Grades 6-12 or Grades 9-12: Government Social Studies Social Studies, Composite Social Studies: Grades 7-12 Grades 8-12	
Psychology	Junior High School (Grades 9-10 only) Psychology Social Science, Composite Secondary, Grades 6-12 or Grades 9-12 Psychology Social Studies Social Studies, Composite Social Studies: Grades 7-12 Grades 8-12	

te Board for Educator Certification		19 TAC Chapter 2
	GRADES 9-12	
ASSIGNMENTS	CERTIFICATES	
Sociology	Junior High School (Grades 9-10 only) or High School: Sociology Social Science, Composite Secondary, Grades 6-12 or Grades 9-12 Sociology Social Studies Social Studies, Composite Social Studies: Grades 7-12 Grades 8-12	
Social Studies Advanced Studies Special Topics in Social Studies Social Studies Research Methods (Continued on next page)	History: Grades 7-12 Grades 8-12 Junior High School (Grades 9-10 only) or High School: Anthropology Economics Geography Government-Political Science History Psychology Social Science, Composite Sociology Secondary, Grades 6-12, or Grades 9-12: Economics Geography Government History Psychology Social Studies Social Studies, Composite	

State Board for Educator Certification		19 TAC Chapter 231
	GRADES 9-12	
ASSIGNMENTS	CERTIFICATES	
Social Studies Advanced Studies Special Topics in Social Studies Social Studies Research Methods (Continued)	Social Studies: Grades 7-12 Grades 8-12	
Economics with Emphasis on the Free Enterprise System and Its Benefits	Any business certificate Junior High School (Grades 9-10 only) or High School: Economics Social Science, Composite Secondary, Grades 6-12, or Grades 9-12: Economics Social Studies Social Studies, Composite Social Studies: Grades 7-12 Grades 8-12	
MATHEMATICS Mathematics Algebraic Reasoning Statistics	Junior High School (Grades 9-10 only) or High School: Mathematics Mathematical Science, Composite Master Mathematics Teacher (Grades 8-12) Mathematics: Grades 7-12 Grades 8-12 Mathematics/Physical Science/Engineering: Grades 6-12 Grades 8-12 Physics/Mathematics: Grades 7-12 Grades 8-12 Secondary, Grades 6-12, or Grades 9-12 Mathematics	

State Board for Educator Certification	n 19 TAC Chapter 23
	GRADES 9-12
ASSIGNMENTS	CERTIFICATES
SCIENCE Biology	Junior High School (Grades 9-10 only) High School, Secondary, Grades 6-12, or Grades 9-12: Biology Science Science, Composite Life Science: Grades 7-12 Grades 8-12 Master Science Teacher (Grades 8-12) Science: Grades 7-12 Grades 8-12
Chemistry	Chemistry: Grades 7-12 Grades 8-12 Junior High School (Grades 9-10 only), High School, Secondary, Grades 6-12, or Grades 9-12: Chemistry Science Science, Composite Master Science Teacher (Grades 8-12) Mathematics/Physical Science/Engineering: Grades 6-12 Grades 8-12 Physical Science: Grades 6-12 Grades 8-12 Science: Grades 7-12 Grades 8-12

	GRADES 9-12
ASSIGNMENTS	CERTIFICATES
Physics	Junior High School (Grades 9-10 only), High School, Secondary, Grades 6-12, or Grades 9-12): Physics Science Science, Composite Master Science Teacher (Grades 8-12) Mathematics/Physical Science/Engineering: Grades 6-12 Grades 8-12 Physical Science: Grades 6-12 Grades 8-12 Physics/Mathematics: Grades 7-12 Grades 8-12 Science: Grades 7-12 Grades 8-12
Integrated Physics and Chemistry (Continued on next page)	Junior High School (Grades 9-10 only) or High School: Chemistry, if issued prior to 9/1/1976 Physical Science Physics, if issued prior to 9/1/1976 Science Science, Composite Master Science Teacher (Grades 8-12) Mathematics/Physical Science/Engineering: Grades 6-12 Grades 8-12 Physical Science: Grades 6-12 Grades 8-12

State Board for Educator Certification	19 TAC Chapter 231	
GRADES 9-12		
ASSIGNMENTS	CERTIFICATES	
Integrated Physics and Chemistry (Continued)	Science: Grades 7-12 Grades 8-12 Secondary, Grades 6-12, or Grades 9-12: Physical Science Science Science Science, Composite Secondary or All-Level classroom teaching certificate dated between September 1, 1966, and September 1, 1976, plus 24 semester credit hours in a combination of sciences completed prior to September 1, 1976.	

State Board for Educator Certification	1	19 TAC Chapter 231
	GRADES 9-12	
ASSIGNMENTS	CERTIFICATES	
Principles of Technology	Junior High School (Grades 9-10 only) or High School: Industrial Arts Physics Science, Composite Master Science Teacher (Grades 8-12) Mathematics/Physical Science/Engineering: Grades 6-12 Grades 8-12 Physical Science: Grades 6-12 Grades 8-12 Physics/Mathematics: Grades 7-12 Grades 8-12 Science: Grades 8-12 Science: Grades 8-12 Science: Grades 8-12 Secondary, Grades 6-12, or Grades 9-12: Industrial Arts Industrial Technology Physics Science Science, Composite Technology Education: Grades 6-12	

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 1998-99 school year. Six semester credit hours of college physics, chemistry, or electricity/electronics may be substituted for the business and industry experience.

te Board for Educator Certification 19 TAC Chapter	
	GRADES 9-12
ASSIGNMENTS	CERTIFICATES
Astronomy	Junior High School (Grades 9-10 only), High School, Grades 6-12, or Grades 9-12: Earth Science Science, Composite Master Science Teacher: Grades 8-12 Mathematics/Physical Science/Engineering: Grades 6-12 Grades 8-12 Physical Science: Grades 6-12 Grades 8-12 Physics/Mathematics: Grades 8-12 Science: Grades 8-12 Science Science Physics Science Science Science, Composite
Earth and Space Science	Junior High School (Grades 9-10 only), High School, Secondary, Grades 6-12, or Grades 9-12: Earth Science Science Science, Composite Master Science Teacher (Grades 8-12) Mathematics/Physical Science/Engineering: Grades 6-12 Grades 8-12 Physical Science: Grades 6-12 Grades 8-12 Science: Grades 7-12

19 TAC Chapter 231	
GRADES 9-12	
CERTIFICATES	
Chemistry: Grades 7-12 Grades 8-12 Junior High School (Grades 9-10 only), High School, Secondary, Grades 6-12, or Grades 9-12: Biology Earth Science Science Science, Composite Life Science: Grades 7-12 Grades 8-12 Master Science Teacher (Grades 8-12) Science: Grades 7-12 Grades 8-12 Grades 8-12 Grades 8-12	

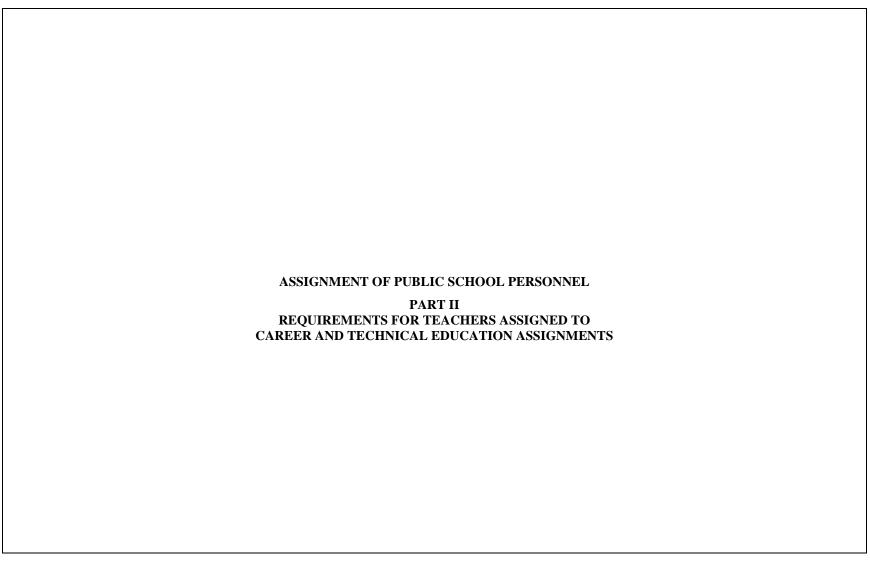
¹¹Secondary or All-Level teacher certificate plus 24 semester credit hours in science, including at least 12 semester credit hours in environmental science and/or ecology if assigned prior to the 1989-90 school year or any science teaching certificate with 12 semester credit hours in environmental science and/or ecology.

State Board for Educator Certification	19 TAC Chapter 23:
	GRADES 9-12
ASSIGNMENTS	CERTIFICATES
Anatomy and Physiology Medical Microbiology Pathophysiology	Junior High School (Grades 9-10 only), High School, Secondary, Grades 6-12, or Grades 9-12: Biology Science Science, Composite Health Science: Grades 6-12 Health Science Technology Health Science Technology: Grades 8-12 Life Science: Grades 7-12 Grades 8-12 Master Science Teacher (Grades 8-12) Science: Grades 7-12 Grades 8-12 Vocational Handicapped Health Vocational Health Occupations Vocational Health Occupations/Cooperative Training Vocational Health Occupations/Pre-employment Lab
Scientific Research and Design	Any vocational or career and technical education (CTE) certificate with a Bachelor's degree and 18 semester credit hours in any combination of sciences. See 19 TAC §233.13 and §233.14 for examples of current CTE certificates. Any science certificate valid for Grades 6-12, 7-12 or 8-12 Any secondary science teaching field Master Science Teacher (Grades 8-12)

State Board for Educator Certification	19 TAC Chapter 231
GRADES 9-12	
ASSIGNMENTS	CERTIFICATES
HEALTH	All-Level—Health and Physical Education Health: Early Childhood-Grade 12 Junior High School (Grades 9-10 only) or High School: Health Health and Physical Education Secondary, Grades 6-12, or Grades 9-12: Health
PHYSICAL EDUCATION	All-Level, Junior High School (Grades 9-10 only) or High School: Health and Physical Education Physical Education Physical Education: Early Childhood-Grade 12 Secondary, Grades 6-12, or Grades 9-12: Physical Education
FINE ARTS Art	Art: Early Childhood-Grade 12 Junior High School (Grades 9-10 only), High School, Secondary, Grades 6-12, Grades 9-12, or All Level: Art
Music	Junior High School (Grades 9-10 only), High School, Secondary, Grades 6-12, Grades 9-12, or All Level: Music Music: Early Childhood-Grade 12
Theatre, including Musical Theatre	All-Level Speech/Drama All-Level (Grades PK-12)—Speech Communications/Theatre Arts All-Level (Grades PK-12) Theatre Arts Junior High School (Grades 9-10 only) or High School Drama Speech and Drama Secondary, Grades 6-12, or Grades 9-12: Theatre Arts Theatre: Early Childhood-Grade 12
Dance (Fine Arts Credit)	Dance: Grades 8-12 Junior High School (Grades 9-10 only), High School, Secondary, Grades 6-12, or Grades 9-12 Dance

State Board for Educator Certification 19 TAC Chapter 231	
GRADES 9-12	
ASSIGNMENTS	CERTIFICATES
TECHNOLOGY APPLICATIONS Fundamentals of Computer Science Computer Science I Computer Science II Computer Science III Digital Forensics Robotics Programming and Design	Computer Science: Grades 8-12 Junior High School (Grades 9-10 only), High School, Secondary, Grades 6-12, or Grades 9-12 Computer Information Systems
Digital Video and Audio Design Web Communications Digital Design and Media Production Digital Art and Animation 3-D Modeling and Animation Digital Communications in the 21st Century Web Design Web Game Development Independent Study in Technology Applications Independent Study in Evolving/Emerging Technologies	Technology Applications: Early Childhood-Grade 12 Technology Applications: Grades 8-12
Discrete Mathematics	Computer Science: Grades 8-12 Junior High School (Grades 9-10 only), High School, Secondary, Grades 6-12, or Grades 9-12: Computer Information Systems Master Mathematics Teachers (Grades 8-12) Mathematics: Grades 7-12 Grades 8-12 Mathematics/Physical Science/Engineering: Grades 7-12 Grades 8-12 Physics/Mathematics: Grades 7-12 Grades 8-12

State Board for Educator Certification	19 TAC Chapter 231	
	GRADES 9-12	
ASSIGNMENTS	CERTIFICATES	
Game Programming and Design Mobile Application Development	Computer Science: Grades 8-12 Junior High School (Grades 9-10 only), High School, Secondary, Grades 6-12, or Grades 9-12: Computer Information Systems Technology Applications: Early Childhood – Grade 12 Grades 8-12	



State Board for Educator Certification	19 TAC Cha	apter 231
	GRADES 9-12	
ASSIGNMENTS	CERTIFICATES	
CAREER DEVELOPMENT Career Preparation I ¹ Career Preparation II ¹ Problems and Solutions	Any vocational or career and technical education (CTE) classroom teaching certificate. See 19 TAC §233.13 and §233.14 for examples of current CTE certificates.	

¹The school district is responsible for ensuring that each teacher assigned to this course has completed appropriate training in state and federal requirements regarding work-based learning and safety

State Board for Educator Certification		19 TAC Chapter 231
GRADES 9-12		
ASSIGNMENTS	CERTIFICATES	
AGRICULTURE, FOOD, AND NATURAL RESOURCES Advanced Environmental Technology Equine Science Food Processing Food Technology and Safety Forestry and Woodland Ecosystems Horticulture Science Landscape Design and Turf Grass Management Livestock Production Principles of Agriculture, Food, and Natural Resources Professional Standards in Agribusiness Range Ecology and Management Small Animal Management Veterinary Medical Applications Wildlife, Fisheries, and Ecology Management Practicum in Agriculture, Food and Natural Resources¹	Agriculture, Food, and Natural Resources: Grades 6-12 Agricultural Science and Technology: Grades 6-12 Any vocational agriculture certificate	

¹The school district is responsible for ensuring that each teacher assigned to this course has completed appropriate training in state and federal requirements regarding work-based learning and safety.

GRADES 9-12	
ASSIGNMENTS	CERTIFICATES
Advanced Animal Science ² Advanced Plant and Soil Science ² All teachers assigned to this course shall partic 2013-2014 school year.	Agriculture, Food, and Natural Resources: Grades 6-12 Agricultural Science and Technology: Grades 6-12 Any vocational agriculture certificate Life Science: Grades 7-12 Grades 8-12 Master Science Teacher: Grades 8-12 Science: Grades 7-12 Grades 8-12 Secondary Biology: Grades 6-12 Secondary Science, Composite: Grades 6-12 ipate in Texas Education Agency (TEA)-approved training prior to teaching this course effective with the
Agribusiness Management and Marketing	Agriculture, Food, and Natural Resources: Grades 6-12 Agricultural Science and Technology: Grades 6-12 Any business or office education certificate Any marketing or distributive education certificate Any vocational agriculture certificate Business and Finance: Grades 6-12 Business Education: Grades 6-12 Marketing: Grades 6-12 Marketing Education: Grades 8-12
Mathematical Applications in Agriculture, Food, and Natural Resources ² (Continued on next page)	Agriculture, Food, and Natural Resources: Grades 6-12 Agricultural Science and Technology: Grades 6-12 Any vocational agriculture certificate Master Mathematics Teacher: Grades 8-12

	GRADES 9-12
ASSIGNMENTS	CERTIFICATES
Mathematical Applications in Agriculture, Food, and Natural Resources ² (Continued)	Mathematics: Grades 7-12 Grades 8-12 Mathematics/Physical Science/Engineering: Grades 6-12 Grades 8-12 Physics/Mathematics: Grades 7-12 Grades 8-12 Secondary Mathematics: Grades 6-12
2013-2014 school year. Agricultural Facilities Design and Fabrication Agricultural Mechanics and Metal Technologies Agricultural Power Systems Energy and Natural Resources Technology	Agriculture, Food, and Natural Resources: Grades 6-12 Agricultural Science and Technology: Grades 6-12 Any vocational agriculture certificate Secondary Industrial Arts: Grades 6-12 Secondary Industrial Technology: Grades 6-12 Technology Education: Grades 6-12 Trade and Industrial Education: Grades 6-12 with appropriate work approval as identified on the certificate Grades 8-12 with appropriate work approval as identified on the certificate Vocational Trades and Industry with appropriate work approval as identified on the certificate
Principles and Elements of Floral Design (Continued on next page)	Agriculture, Food, and Natural Resources: Grades 6-12 Agricultural Science and Technology: Grades 6-12 All-level Art: Grades PK-12 Any vocational agriculture certificate Art: Early Childhood-Grade12

State Board for Educator Certification	19 TAC Chapter 231		
	GRADES 9-12		
ASSIGNMENTS	CERTIFICATES		
Principles and Elements of Floral Design (Continued)	Trade and Industrial Education: Grades 6-12 with appropriate work approval as identified on the certificate Grades 8-12 with appropriate work approval as identified on the certificate Vocational Trades and Industry with appropriate work approval as identified on the certificate		
ARCHITECTURE AND CONSTRUCTION Principles of Architecture and Construction	Any home economics or homemaking certificate Family and Consumer Sciences, Composite: Grades 6-12 Mathematics/Physical Science/Engineering: Grades 6-12 Grades 8-12 Secondary Industrial Arts: Grades 6-12 Secondary Industrial Technology: Grades 6-12 Technology Education: Grades 6-12 Trade and Industrial Education: Grades 6-12 with appropriate work approval as identified on the certificate Grades 8-12 with appropriate work approval as identified on the certificate Vocational Trades and Industry with appropriate work approval as identified on the certificate		
Interior Design Advanced Interior Design Practicum in Interior Design ¹	Any home economics or homemaking certificate Family and Consumer Sciences, Composite: Grades 6-12		

¹The school district is responsible for ensuring that each teacher assigned to this course has completed appropriate training in state and federal requirements regarding work-based learning and safety.

State Board for Educator Certification	19 TAC Chapter 231	
GRADES 9-12		
ASSIGNMENTS	CERTIFICATES	
Architectural Design Advanced Architectural Design Practicum in Architectural Design ¹	Mathematics/Physical Science/Engineering: Grades 6-12 Grades 8-12 Secondary Industrial Arts: Grades 6-12 Secondary Industrial Technology: Grades 6-12 Technology Education: Grades 6-12 Trade and Industrial Education: Grades 6-12 with appropriate work approval as identified on the certificate Grades 8-12 with appropriate work approval as identified on the certificate Vocational Trades and Industry with appropriate work approval as identified on the certificate	
Construction Management Advanced Construction Management Construction Technology Advanced Construction Technology Practicum in Construction Management ¹	Agriculture, Food, and Natural Resources: Grades 6-12 Grades 6-12 Any vocational agriculture certificate Mathematics/Physical Science/Engineering: Grades 6-12 Grades 8-12 Grades 8-12 Secondary Industrial Arts: Grades 6-12 Secondary Industrial Technology: Grades 6-12 Technology Education: Grades 6-12 Trade and Industrial Education: Grades 6-12 with appropriate work approval as identified on the certificate Grades 8-12 with appropriate work approval as identified on the certificate Vocational Trades and Industry with appropriate work approval as identified on the certificate	

¹The school district is responsible for ensuring that each teacher assigned to this course has completed appropriate training in state and federal requirements regarding work-based learning and safety.

State Board for Educator Certification	19 TAC Chapter 231	
GRADES 9-12		
ASSIGNMENTS	CERTIFICATES	
Building Maintenance Technology Advanced Building Maintenance Technology	Agriculture, Food, and Natural Resources: Grades 6-12 Agricultural Science and Technology: Grades 6-12 Any vocational agriculture certificate Secondary Industrial Arts: Grades 6-12 Secondary Industrial Technology: Grades 6-12 Technology Education: Grades 6-12 Trade and Industrial Education: Grades 6-12 with appropriate work approval as identified on the certificate Grades 8-12 with appropriate work approval as identified on the certificate Vocational Trades and Industry with appropriate work approval as identified on the certificate	
Mill and Cabinetmaking Technology	Secondary Industrial Arts: Grades 6-12 Secondary Industrial Technology: Grades 6-12 Technology Education: Grades 6-12 Trade and Industrial Education: Grades 6-12 with appropriate work approval as identified on the certificate Grades 8-12 with appropriate work approval as identified on the certificate Vocational Trades and Industry with appropriate work approval as identified on the certificate	
Electrical Technology Advanced Electrical Technology HVAC and Refrigeration Technology Advanced HVAC and Refrigeration Technology Piping and Plumbing Technology Advanced Piping and Plumbing Technology	Trade and Industrial Education: Grades 6-12 with appropriate work approval as identified on the certificate Grades 8-12 with appropriate work approval as identified on the certificate Vocational Trades and Industry with appropriate work approval as identified on the certificate	

State Board for Educator Certification	19 TAC Chapter 231	
	GRADES 9-12	
ASSIGNMENTS	CERTIFICATES	
ARTS, AUDIO VIDEO TECHNOLOGY, AND COMMUNICATIONS Professional Communications	All-Level Speech and Drama/Theatre Arts: Grades PK-12 Any vocational or career and technical education (CTE) classroom teaching certificate with a minimum of a bachelor's degree and six semester credit hours in speech. Mathematics/Physical Science/Engineering: Grades 6-12 with six semester credit hours in speech Grades 8-12 with six semester credit hours in speech Secondary, Grades 6-12: English Language Arts, Composite with six semester credit hours in speech Speech Speech Communications Speech: Grades 7-12 Grades 8-12	
Principles of Arts, Audio Video Technology, and Communications	Any business or office education certificate Business and Finance: Grades 6-12 Business Education: Grades 6-12 Secondary Industrial Arts: Grades 6-12 Secondary Industrial Technology: Grades 6-12 Technology Applications: Early Childhood-Grade 12 Technology Applications: Grades Early Childhood-Grade12 Grades 8-12 Technology Education: Grades 6-12 Trade and Industrial Education: Grades 6-12 with appropriate work approval as identified on the certificate Grades 8-12 with appropriate work approval as identified on the certificate Vocational Trades and Industry with appropriate work approval as identified on the certificate	
Animation Advanced Animation (Continued on next page)	Any business or office education certificate Business and Finance: Grades 6-12 Business Education: Grades 6-12 Secondary Industrial Arts: Grades 6-12 Secondary Industrial Technology: Grades 6-12	

State Board for Educator Certification 19 TAC Chapter 23		
GRADES 9-12		
ASSIGNMENTS	CERTIFICATES	
Animation Advanced Animation (Continued)	Technology Applications: Early Childhood-Grade 12 Grades 8-12 Technology Education: Grades 6-12 Trade and Industrial Education: Grades 6-12 with appropriate work approval as identified on the certificate Grades 8-12 with appropriate work approval as identified on the certificate Vocational Trades and Industry with appropriate work approval as identified on the certificate	
Audio Video Production Advanced Audio Video Production Graphic Design and Illustration Advanced Graphic Design and Illustration	Secondary Industrial Arts: Grades 6-12 Secondary Industrial Technology: Grades 6-12 Technology Applications: Early Childhood-Grade 12 Grades 8-12 Technology Education: Grades 6-12 Trade and Industrial Education: Grades 6-12 with appropriate work approval as identified on the certificate Grades 8-12 with appropriate work approval as identified on the certificate Vocational Trades and Industry with appropriate work approval as identified on the certificate	
Commercial Photography Advanced Commercial Photography Practicum in Audio Video Production ¹ Practicum in Graphic Design and Illustration ¹	Secondary Industrial Arts: Grades 6-12 Secondary Industrial Technology: Grades 6-12 Technology Education: Grades 6-12 Trade and Industrial Education: Grades 6-12 with appropriate work approval as identified on the certificate Grades 8-12 with appropriate work approval as identified on the certificate Vocational Trades and Industry with appropriate work approval as identified on the certificate	

¹The school district is responsible for ensuring that each teacher assigned to this course has completed appropriate training in state and federal requirements regarding work-based learning and safety.

State Board for Educator Certification	19 TAC Chapter 231	
	GRADES 9-12	
ASSIGNMENTS	CERTIFICATES	
Printing and Imaging Technology Advanced Printing and Imaging Technology Practicum in Printing and Imaging Technology ¹	Trade and Industrial Education: Grades 6-12 with appropriate work approval as identified on the certificate Grades 8-12 with appropriate work approval as identified on the certificate Vocational Trades and Industry with appropriate work approval as identified on the certificate	
Fashion Design Advanced Fashion Design Practicum in Fashion Design ¹	Any home economics or homemaking certificate Family and Consumer Sciences, Composite: Grades 6-12	
¹ The school district is responsible for ensuring regarding work-based learning and safety.	g that each teacher assigned to this course has completed appropriate training in state and federal requirements	
BUSINESS MANAGEMENT AND ADMINISTRATION Business Information Management I Business Information Management II Business Law Touch System Data Entry Practicum in Business Management ¹	Any business or office education certificate Business and Finance: Grades 6-12 Business Education: Grades 6-12	
Business Management Global Business Human Resources Management Principles of Business, Marketing, and Finance Virtual Business	Any business or office education certificate Any marketing or distributive education certificate Business and Finance: Grades 6-12 Business Education: Grades 6-12 Marketing: Grades 6-12 Marketing Education: Grades 8-12 g that each teacher assigned to this course has completed appropriate training in state and federal requirements	

The school district is responsible for ensuring that each teacher assigned to this course has completed appropriate training in state and federal requirements regarding work-based learning and safety.

State Board for Educator Certification	19 TAC Chapter 23:	
GRADES 9-12		
ASSIGNMENTS	CERTIFICATES	
Business English ²	Any business or office education certificate. Business and Finance: Grades 6-12. Business Education: Grades 6-12. English Language Arts and Reading: Grades 7-12. English Language Arts and Reading: Grades 8-12. Grades 6-12 or Grades 9-12English. Grades 6-12 or Grades 9-12English Language Arts, Composite. Junior High School (Grades 9-10 only) or High SchoolEnglish. Junior High School (Grades 9-10 only) or High SchoolEnglish Language Arts, Composite. Secondary English (Grades 6-12). Secondary English Language Arts, Composite (Grades 6-12).	
² All teachers assigned to this course shall pa 2013-2014 school year.	articipate in Texas Education Agency (TEA)-approved training prior to teaching this course effective with the	
EDUCATION AND TRAINING Instructional Practices in Education and Training Principles of Education and Training Practicum in Education and Training ¹	Any home economics or homemaking certificate. Family and Consumer Sciences, Composite: Grades 6-12. Human Development and Family Studies: Grades 8-12.	
1The school district is responsible for ensuring regarding work-based learning and safety	ing that each teacher assigned to this course has completed appropriate training in state and federal requirements	
Human Growth and Development	Any home economics or homemaking certificate. Family and Consumer Sciences, Composite: Grades 6-12. Health Science: Grades 6-12. Health Science Technology. Health Science Technology Education: Grades 8-12. Human Development and Family Studies: Grades 8-12. Vocational Health Occupations. Vocational Health Science Technology.	
FINANCE Banking and Financial Services	Any business or office education certificate. Any marketing or distributive education certificate. Business and Finance: Grades 6-12. Business Education: Grades 6-12. Marketing: Grades 6-12. Marketing Education: Grades 8-12.	

State Board for Educator Certification	1	19 TAC Chapter 231	
	GRADES 9-12		
ASSIGNMENTS	CERTIFICATES		
Money Matters	Any business or office education certificate. Any homemaking or home economics certificate. Any marketing or distributive education certificate. Business and Finance: Grades 6-12. Business Education: Grades 6-12. Family and Consumer Sciences, Composite: Grades 6-12. Marketing: Grades 6-12. Marketing Education: Grades 8-12		
Accounting I Accounting II Financial Analysis Insurance Operations Securities and Investments	Any business or office education certificate. Business and Finance: Grades 6-12. Business Education: Grades 6-12.		

State Board for Educator Certification	19 TAC Chapter 231
	GRADES 9-12
ASSIGNMENTS	CERTIFICATES
	Any business or office education certificate Business and Finance: Grades 6-12 Business Education: Grades 6-12 Master Mathematics Teacher (Grades 8-12) Mathematics: Grades 7-12 Grades 8-12 Mathematics/Physical Science/Engineering: Grades 6-12 Grades 8-12 Physics/Mathematics: Grades 7-12 Grades 7-12 Grades 8-12 Secondary Mathematics: Grades 6-12 cipate in Texas Education Agency (TEA)-approved training prior to teaching this course effective with the
GOVERNMENT AND PUBLIC ADMINISTRATION Foreign Service and Diplomacy Planning and Governance Political Science I Political Science II Principles of Government and Public Administration Public Management and Administration Practicum in Local, State, and Federal Government ¹	Grades 6-12 or 9-12: Government Social Studies Junior High School (Grades 9-10 only) or High School: Government-Political Science Social Science, Composite Secondary: Government Political Science Social Studies, Composite Secondary Social Science, Composite Secondary Social Science, Composite Social Studies: Grades 7-12 Grades 8-12 Trade and Industrial Education: Grades 6-12 with appropriate work approval as identified on the certificate Grades 8-12 with appropriate work approval as identified on the certificate Vocational Trades and Industry with appropriate work approval as identified on the certificate

¹The school district is responsible for ensuring that each teacher assigned to this course has completed appropriate training in state and federal requirements regarding work-based learning and safety.

State Board for Educator Certification	19 TAC Cha	apter 231
GRADES 9-12		
ASSIGNMENTS	CERTIFICATES	
Revenue, Taxation, and Regulation	Any business or office education certificate Business and Finance: Grades 6-12 Business Education: Grades 6-12 Grades 6-12 or 9-12: Social Studies Junior High (Grades 9-10 only) or High School: Social Science, Composite Secondary: Social Studies, Composite Social Studies, Composite Social Studies: Grades 7-12 Grades 8-12	
National Security	Trade and Industrial Education: Grades 6-12 with appropriate work approval as identified on the certificate Grades 8-12 with appropriate work approval as identified on the certificate Vocational Trades and Industry with appropriate work approval as identified on the certificate	
HEALTH SCIENCE Health Science Medical Terminology Principles of Health Science World Health Research Practicum in Health Science	Health Science: Grades 6-12 Health Science Technology Education: Grades 8-12 Vocational Health Occupations Vocational Health Science Technology	

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State Board for Educator Certification	19 TAC Chapter 231	
GRADES 9-12		
ASSIGNMENTS	CERTIFICATES	
Anatomy and Physiology Medical Microbiology Pathophysiology	Health Science: Grades 6-12 Health Science Technology Education: Grades 8-12 Life Science: Grades 7-12 Grades 8-12 Master Science Teacher (Grades 8-12) Science: Grades 7-12 Grades 8-12 Secondary: Biology Science Science Composite Vocational Health Occupations Vocational Health Science Technology	
HOSPITALITY AND TOURISM Hospitality Services Hotel Management Principles of Hospitality and Tourism Restaurant Management Travel and Tourism Management Practicum in Hospitality and Tourism	Any home economics or homemaking certificate Any marketing or distributive education certificate Family and Consumer Sciences, Composite: Grades 6-12 Hospitality, Nutrition, and Food Sciences: Grades 8-12 Marketing: Grades 6-12 Marketing Education: Grades 8-12 Trade and Industrial Education: Grades 6-12 with appropriate work approval as identified on the certificate Grades 8-12 with appropriate work approval as identified on the certificate Vocational Trades and Industry with appropriate work approval as identified on the certificate	
Culinary Arts Practicum in Culinary Arts ¹	Any home economics or homemaking certificate Family and Consumer Sciences, Composite: Grades 6-12 Hospitality, Nutrition, and Food Sciences: Grades 8-12 Trade and Industrial Education: Grades 6-12 with appropriate work approval as identified on the certificate Grades 8-12 with appropriate work approval as identified on the certificate Vocational Trades and Industry with appropriate work approval as identified on the certificate	

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State Board for Educator Certification		19 TAC Chapter 231	
	GRADES 9-12		
ASSIGNMENTS	CERTIFICATES		
Food Science ²	Any home economics or homemaking certificate Chemistry: Grades 7-12 Grades 8-12 Family and Consumer Sciences, Composite: Grades 6-12 Hospitality, Nutrition, and Food Sciences: Grades 8-12 Life Science: Grades 7-12 Grades 8-12 Master Science Teacher (Grades 8-12) Science: Grades 7-12 Grades 8-12 Secondary Biology Chemistry Science Science, Composite		
HUMAN SERVICES Child Development Child Guidance Family and Community Services Interpersonal Studies Principles of Human Services Practicum in Human Services	Any home economics or homemaking certificate Family and Consumer Sciences, Composite: Grades 6-12 Human Development and Family Studies: Grades 8-12		

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²All 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.

ate Board for Educator Certification	19 TAC Chapter 2
ASSIGNMENTS	GRADES 9-12 CERTIFICATES
Lifetime Nutrition and Wellness	Any home economics or homemaking certificate Family and Consumer Sciences, Composite: Grades 6-12 Health Science: Grades 6-12 Health Science Technology Education: Grades 8-12 Hospitality, Nutrition, and Food Sciences: Grades 8-12 Human Development and Family Studies: Grades 8-12 Vocational Health Occupations Vocational Health Science Technology
Counseling and Mental Health	Any home economics or homemaking certificate Family and Consumer Sciences, Composite: Grades 6-12 Health Science: Grades 6-12 Health Science Technology Education: Grades 8-12 Human Development and Family Studies: Grades 8-12 Vocational Health Occupations Vocational Health Science Technology
Dollars and Sense	Any business or office education certificate Any home economics or homemaking certificate Any marketing or distributive education certificate Business and Finance: Grades 6-12 Business Education: Grades 6-12 Family and Consumer Sciences, Composite: Grades 6-12 Human Development and Family Studies: Grades 8-12 Marketing: Grades 6-12 Marketing Education: Grades 8-12
Introduction to Cosmetology Cosmetology I Cosmetology II	Trade and Industrial Education: Grades 6-12 with appropriate work approval as identified on the certificate Grades 8-12 with appropriate work approval as identified on the certificate Vocational Trades and Industry with appropriate work approval as identified on the certificate Plus: Current license as a Cosmetology Instructor issued by the Texas Department of Licensure and Regulation

State Board for Educator Certification 19 TAC Chapte	
	GRADES 9-12
ASSIGNMENTS	CERTIFICATES
INFORMATION TECHNOLOGY Principles of Information Technology Research in Information Technology Solutions Telecommunications and Networking	Any business or office education certificate Business and Finance: Grades 6-12 Business Education: Grades 6-12 Secondary: Industrial Arts Industrial Technology Technology Applications: Early Childhood-Grade 12 Grades 8-12 Technology Education: Grades 6-12 Trade and Industrial Education: Grades 6-12 with appropriate work approval as identified on the certificate Grades 8-12 with appropriate work approval as identified on the certificate Vocational Trades and Industry with appropriate work approval as identified on the certificate
Digital and Interactive Media Web Technologies	Any business or office education certificate Business and Finance: Grades 6-12 Business Education: Grades 6-12 Secondary: Industrial Arts Industrial Technology Technology Applications: Early Childhood-Grade 12 Grades 8-12 Technology Education: Grades 6-12 Trade and Industrial Education: Grades 6-12 with appropriate work approval as identified on the certificate Grades 8-12 with appropriate work approval as identified on the certificate Vocational Trades and Industry with appropriate work approval as identified on the certificate

	GRADES 9-12
ASSIGNMENTS	CERTIFICATES
Computer Programming Advanced Computer Programming	Any business or office education certificate Business and Finance: Grades 6-12 Business Education: Grades 6-12 Computer Science: Grades 8-12 Secondary: Computer Information Systems: Grades 6-12 Industrial Arts Industrial Technology Technology Education: Grades 6-12 Trade and Industrial Education: Grades 6-12 with appropriate work approval as identified on the certificate Grades 8-12 with appropriate work approval as identified on the certificate Vocational Trades and Industry with appropriate work approval as identified on the certificate
Computer Maintenance	Secondary: Industrial Arts Industrial Technology Technology Education: Grades 6-12 Trade and Industrial Education: Grades 6-12 with appropriate work approval as identified on the certificate Grades 8-12 with appropriate work approval as identified on the certificate Vocational Trades and Industry with appropriate work approval as identified on the certificate
Computer Technician	Secondary: Industrial Arts Industrial Technology Technology Applications: Early Childhood-Grade 12 Grades 8-12 Technology Education: Grades 6-12 Trade and Industrial Education: Grades 6-12 with appropriate work approval as identified on the certificate Grades 8-12 with appropriate work approval as identified on the certificate Vocational Trades and Industry with appropriate work approval as identified on the certificate

State Board for Educator Certification	19 TAC Chapter 231		
	GRADES 9-12		
ASSIGNMENTS	CERTIFICATES		
LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY Correctional Services Court Systems and Practices Firefighter I Firefighter II Law Enforcement I Law Enforcement II Principles of Law, Public Safety, Corrections, and Security Security Services Practicum in Law, Public Safety, Corrections and Security 1 The school district is responsible for ensuring	Trade and Industrial Education: Grades 6-12 with appropriate work approval as identified on the certificate Grades 8-12 with appropriate work approval as identified on the certificate Vocational Trades and Industry with appropriate work approval as identified on the certificate Plus: Valid license appropriate for the assignment.		
regarding work-based learning and safety. Forensic Science ² (Continued on next page)	Chemistry: Grades 7-12 Grades 8-12 Health Science: Grades 6-12 Health Science Technology Education: Grades 8-12 Life Science: Grades 6-12 Grades 8-12 Master Science Teacher (Grades 8-12) Science: Grades 7-12 Grades 8-12 Scondary: Biology Chemistry Science Science, Composite		

State Board for Educator Certification 19 TAC Chapter 2		
	GRADES 9-12	
ASSIGNMENTS	CERTIFICATES	
Forensic Science ² (Continued)	Trade and Industrial Education: Grades 6-12, a bachelor's degree, and appropriate work approval Grades 8-12, a bachelor's degree, and appropriate work approval Vocational Health Occupations with a bachelor's degree Vocational Health Science Technology with a bachelor's degree Vocational Trades and Industry, a bachelor's degree, and appropriate work approval	
MANUFACTURING Principles of Manufacturing Precision Metal Manufacturing Advanced Precision Metal Manufacturing Flexible Manufacturing Advanced Flexible Manufacturing Manufacturing Engineering Practicum in Manufacturing ¹	Mathematics/Physical Science/Engineering: Grades 6-12 Grades 8-12 Secondary: Industrial Arts Industrial Technology Technology Education: Grades 6-12 Trade and Industrial Education: Grades 6-12 with appropriate work approval as identified on the certificate Grades 8-12 with appropriate work approval as identified on the certificate Vocational Trades and Industry with appropriate work approval as identified on the certificate	
Welding Advanced Welding	Agriculture, Food, and Natural Resources: Grades 6-12 Agricultural Science and Technology: Grades 6-12 Any vocational agriculture certificate Secondary: Industrial Arts Industrial Technology Technology Education: Grades 6-12 Trade and Industrial Education: Grades 6-12 with appropriate work approval as identified on the certificate Grades 8-12 with appropriate work approval as identified on the certificate Vocational Trades and Industry with appropriate work approval as identified on the certificate	

¹The school district is responsible for ensuring that each teacher assigned to this course has completed appropriate training in state and federal requirements regarding work-based learning and safety.

²All 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.

State Board for Educator Certification 19 TAC Chapter 23	
	GRADES 9-12
ASSIGNMENTS	CERTIFICATES
MARKETING Sports and Entertainment Marketing Marketing Dynamics Practicum in Marketing Dynamics ¹	Any marketing or distributive education certificate Marketing: Grades 6-12 Marketing Education: Grades 8-12
¹ The school district is responsible for ensuri regarding work-based learning and safety	ng that each teacher assigned to this course has completed appropriate training in state and federal requirements
Advertising and Sales Promotion	Any marketing or distributive education certificate Marketing: Grades 6-12 Marketing Education: Grades 8-12 Trade and Industrial Education: Grades 6-12 with appropriate work approval as identified on the certificate Grades 8-12 with appropriate work approval as identified on the certificate Vocational Trades and Industry with appropriate work approval as identified on the certificate
Fashion Marketing	Any home economics or homemaking certificate Any marketing or distributive education certificate Family and Consumer Science, Composite: Grades 6-12 Marketing: Grades 6-12 Marketing Education: Grades 8-12
Entrepreneurship	Any current vocational or career and technical education (CTE) classroom teaching certificate. See 19 TAC §233.13 and §233.14 for examples of current CTE certificates.
Retailing and E-tailing	Any business or office education certificate Any home economics or homemaking certificate Any marketing or distributive education certificate Business and Finance: Grades 6-12 Business Education: Grades 6-12 Family and Consumer Science, Composite: Grades 6-12 Hospitality, Nutrition, and Food Sciences: Grades 8-12 Marketing: Grades 6-12 Marketing Education: Grades 8-12

State Board for Educator Certification 19 TAC Chapter 23			
	GRADES 9-12		
ASSIGNMENTS	CERTIFICATES		
SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS Concepts of Engineering and Technology	Agriculture, Food, and Natural Resources: Grades 6-12 Agricultural Science and Technology: Grades 6-12 Any vocational agriculture certificate Health Science: Grades 6-12 Health Science Technology Education: Grades 8-12 Mathematics/Physical Science/Engineering: Grades 6-12 Grades 6-12 Grades 8-12 Science, Technology, Engineering, and Mathematics: Grades 6-12 (TBD) Secondary: Industrial Arts Industrial Technology Technology Education: Grades 6-12 Trade and Industrial Education: Grades 6-12 with appropriate work approval as identified on the certificate Grades 8-12 with appropriate work approval as identified on the certificate Vocational Health Occupations Vocational Trades and Industry with appropriate work approval as identified on the certificate		
Biotechnology	Agriculture, Food, and Natural Resources: Grades 6-12 Agricultural Science and Technology: Grades 6-12 Any vocational agriculture certificate Health Science: Grades 6-12 Health Science Technology Education: Grades 8-12 Mathematics/Physical Science/Engineering: Grades 6-12 Grades 8-12 Science, Technology, Engineering, and Mathematics: Grades 6-12 (TBD) Secondary: Industrial Technology Industrial Arts Technology Education: Grades 6-12 Vocational Health Occupations Vocational Health Science Technology		

tate Board for Educator Certification 19 TA		
	GRADES 9-12	
ASSIGNMENTS	CERTIFICATES	
Advanced Biotechnology ²	Agriculture, Food, and Natural Resources: Grades 6-12 Agricultural Science and Technology: Grades 6-12 Any vocational agriculture certificate Health Science: Grades 6-12 Health Science Technology Education: Grades 8-12 Life Science: Grades 7-12 Grades 8-12 Master Science Teacher (Grades 8-12) Science: Grades 7-12 Grades 8-12 Science, Technology, Engineering, and Mathematics: Grades 6-12 (TBD) Secondary: Biology Secondary Science Secondary Science, Composite Vocational Health Occupations with a bachelor's degree Vocational Health Science Technology with a bachelor's degree	
Engineering Design and Presentation Advanced Engineering Design and Presentation Practicum in Science, Technology, Engineering, and Mathematics ¹	Mathematics/Physical Science/Engineering: Grades 6-12 Grades 8-12 Science, Technology, Engineering, and Mathematics: Grades 6-12 (TBD) Secondary Industrial Arts Industrial Technology Technology Education: Grades 6-12 Trade and Industrial Education: Grades 6-12 with appropriate work approval as identified on the certificate Grades 8-12 with appropriate work approval as identified on the certificate	
	Vocational Trades and Industry with appropriate work approval as identified on the certificate	

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²All 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.

GRADES 9-12	
ASSIGNMENTS	CERTIFICATES
Engineering Mathematics ²	Master Mathematics Teacher (Grades 8-12) Mathematics: Grades 7-12 Grades 8-12 Mathematics/Physical Science/Engineering: Grades 6-12 Grades 8-12 Physics/Mathematics: Grades 7-12 Grades 8-12 Science, Technology, Engineering, and Mathematics: Grades 6-12 (TBD) Secondary: Mathematics Industrial Arts Industrial Technology Technology Education: Grades 6-12
Electronics Advanced Electronics Robotics and Automation	Mathematics/Physical Science/Engineering: Grades 6-12 Grades 8-12 Science, Technology, Engineering, and Mathematics: Grades 6-12 (TBD) Secondary: Industrial Arts Industrial Technology Technology Education: Grades 6-12 Trade and Industrial Education: Grades 6-12 with appropriate work approval as identified on the certificate Grades 8-12 with appropriate work approval as identified on the certificate Vocational Trades and Industry with appropriate work approval as identified on the certificate

²All 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.

State Board for Educator Certification		19 TAC Chapter 231	
	GRADES 9-12		
ASSIGNMENTS	CERTIFICATES		
Principles of Technology ³	Master Science Teacher (Grades 8-12)		
	Mathematics/Physical Science/Engineering:		
	Grades 6-12		
	Grades 8-12		
	Physical Science:		
	Grades 6-12		
	Grades 8-12		
	Physics/Mathematics:		
	Grades 7-12		
	Grades 8-12		
	Science:		
	Grades 7-12		
	Grades 8-12		
	Science, Technology, Engineering, and Mathematics: Grades 6-12		
	Secondary:		
	Industrial Arts		
	Industrial Technology		
	Physics		
	Science, Composite		
	Technology Education: Grades 6-12		
Engineering Design and Problem Solving	Master Science Teacher (Grades 8-12)		
Principles of Engineering ²	Mathematics/Physical Science/Engineering:		
(Continued on next page)	Grades 6-12		
	Grades 8-12		
	Physical Science:		
	Grades 6-12		
	Grades 8-12		
	Physics/Mathematics:		
	Grades 7-12		
	Grades 8-12		

²All teachers assigned to this course shall participate in Texas Education Agency (TEA)-approved training prior to teaching this course.

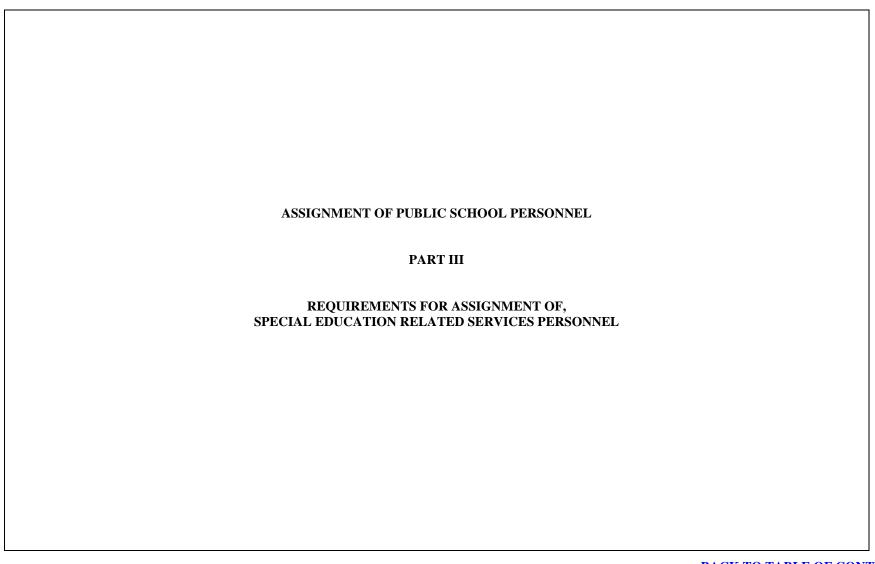
³May also be taught with a vocational agriculture certificate or a trades and industry certificate with verifiable physics applications experience in business and industry, if assigned prior to the 1998-99 school year. Six semester credit hours of college physics, chemistry, or electricity/electronics may be substituted for the business and industry experience.

State Board for Educator Certification 19 TAC Chapter			
	GRADES 9-12		
ASSIGNMENTS	CERTIFICATES		
Engineering Design and Problem Solving ⁴ Principles of Engineering ² (Continued)	Science: Grades 7-12 Grades 8-12 Science, Technology, Engineering, and Mathematics: Grades 6-12 Secondary: Industrial Arts Industrial Technology Physics Science Science Science, Composite Technology Education: Grades 6-12		
Scientific Research and Design	Any vocational or career and technical education (CTE) classroom teaching certificate with a bachelor's degree and 18 semester credit hours in any combination of sciences Any science certificate valid for the grade level Master Science Teacher (Grades 8-12) Science, Technology, Engineering, and Mathematics: Grades 6-12		
Digital Electronics ⁴	Master Mathematics Teacher (Grades 8-12) Mathematics/Physical Science/Engineering: Grades 6-12 Grades 8-12 Physics/Mathematics: Grades 7-12 Grades 8-12 Science, Technology, Engineering, and Mathematics: Grades 6-12 Secondary: Industrial Arts Industrial Technology Mathematics Technology Education: Grades 6-12		

²All teachers assigned to this course shall participate in Texas Education Agency (TEA)-approved training prior to teaching this course.

⁴All 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.

State Board for Educator Certification	19 TAC Chapter 231	
GRADES 9-12		
ASSIGNMENTS	CERTIFICATES	
TRANSPORTATION, DISTRIBUTION, AND LOGISTICS Energy, Power, and Transportation Systems Logistics, Planning, and Management Systems Principles of Transportation, Distribution, and Logistics Transportation Systems Management Practicum in Transportation, Distribution, and Logistics ⁵ Secondary Industrial Arts Industrial Technology Technology Education: Grades 6-12 Trade and Industrial Education: Grades 6-12 with appropriate work approval as identified on the certificate Vocational Trades and Industry with appropriate work approval as identified on the certificate		
⁵ The school district is responsible for ensuring t	hat each teacher assigned to this course has completed appropriate training in the content of this course.	
Aircraft Technology Advanced Aircraft Technology Automotive Technology Advanced Automotive Technology Collision Repair and Refinishing Advanced Collision Repair and Refinishing	Trade and Industrial Education: Grades 6-12 with appropriate work approval as identified on the certificate Grades 8-12 with appropriate work approval as identified on the certificate Vocational Trades and Industry with appropriate work approval as identified on the certificate	
Small Engine Technology Advanced Small Engine Technology	Agriculture, Food, and Natural Resources: Grades 6-12 Agricultural Science and Technology: Grades 6-12 Any vocational agriculture certificate Secondary: Industrial Arts Industrial Technology Technology Education: Grades 6-12 Trade and Industrial Education: Grades 6-12 with appropriate work approval as identified on the certificate Grades 8-12 with appropriate work approval as identified on the certificate Vocational Trades and Industry with appropriate work approval as identified on the certificate	



State Board for Educator Certificatio	n 19 TAC Chapter 231	
SPECIAL EDUCATION RELATED SERVICES PERSONNEL		
TITLE	CERTIFICATES	
SPECIAL EDUCATION Special Education Teacher	Blind School (Texas State School for the Blind and Visually Impaired only) Deaf and Severely Hard of Hearing Deaf School (Texas State School for the Deaf only) Deaf-Blind Deficient Vision Early Childhood Education for Handicapped Children (Infants-Grade 6 only) Elementary - Generic Special Education Emotionally Disturbed Generic Special Education Hearing Impaired High School - Generic Special Education Language and/or Learning Disabilities Mentally Retarded Physically Handicapped School Speech-Language Pathologist Secondary Generic Special Education (Grades 6-12 only) Severely and Profoundly Handicapped Severely Emotionally Disturbed and Autistic Special Education Supplemental (valid at grade levels and in the subject areas of the base certificates) Special Education: Early Childhood-Grade 12 Speech and Hearing Therapy Speech and Language Therapy Teacher of Students with Visual Impairments Supplemental: Early Childhood-Grade 12 Teacher of the Deaf and Hard of Hearing: Early Childhood-Grade 12 Visually Handicapped	

These certificates are appropriate for special education assignment in Prekindergarten-Grade 12 except where otherwise noted.

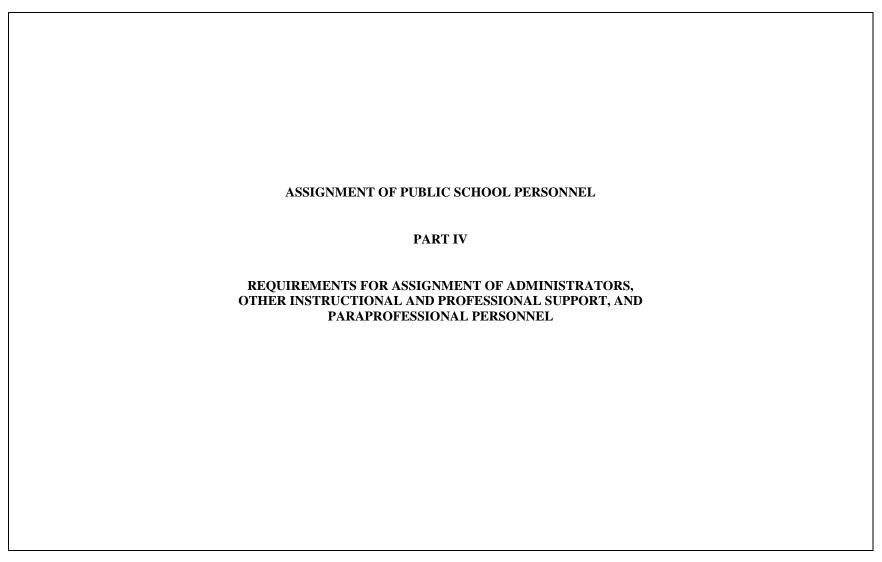
NOTE: The employing school district should make every effort to secure educators trained in the specialized skills and knowledge needed to serve the special needs of the children. If a staff member does not have the skills and knowledge needed for the assignment, the school district will make provisions for the person to acquire the necessary skills and knowledge.

State Board for Educator Certification	19 TAC Chapter 231	
SPECIAL EDUCATION RELATED SERVICES PERSONNEL		
TITLE CERTIFICATES		
Teacher of Adaptive Physical Education	All-Level—Health and Physical Education All-Level—Physical Education Elementary Physical Education (Grades 1-8)—grades 1-8 only Grades 6-8—Physical Education(Grades 6-8 only) Physical Education: Early Childhood-Grade 12 Secondary Physical Education (Grades 6-12 only) Special education certificate plus the necessary skills and knowledge ¹	
or transcripts of college courses.	ge" in adaptive physical education must be documented through in-service records, seminar attendance records, eligible to provide adaptive physical education services to students with disabilities under the scope of	
Teacher of Orthopedically Impaired or Other Health Impaired in a Hospital Class or Home-Based Instruction (Full-time)	Special education certificate Teacher certificate plus: Three semester credit hour survey course in special education and three semester credit hour course related to teaching physically impaired or other health impaired students	
Teacher of Students with Visual Impairments	Deficient Vision Visually Handicapped Teacher of Students with Visual Impairments Supplemental: Early Childhood-Grade 12	
NOTE: This teacher must be available to studen	ats with visual impairments.	
Teacher of Students with Auditory Impairments	Deaf and Severely Hard of Hearing Hearing Impaired Teacher of the Deaf and Hard of Hearing: Early Childhood-Grade 12	

NOTE: This teacher must be available to students with auditory impairments.

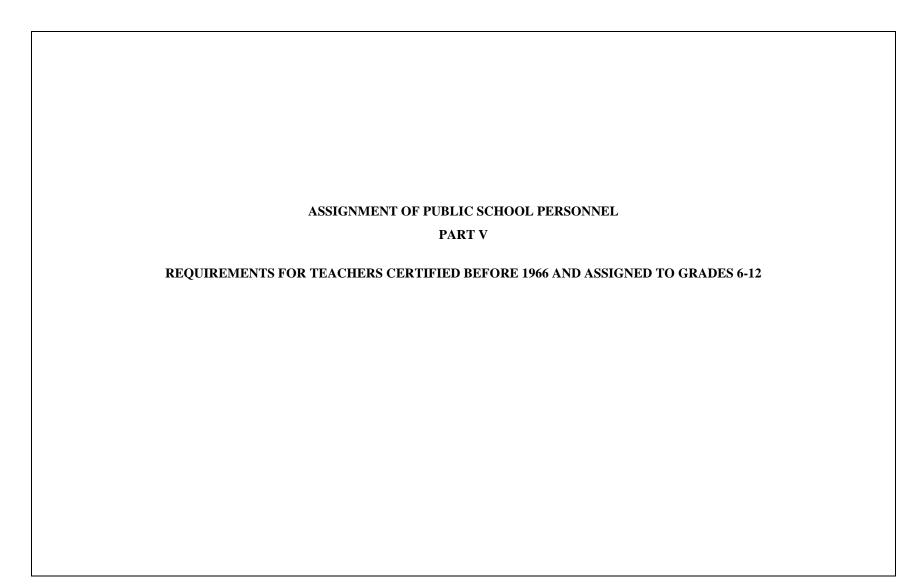
A teacher in an assignment for Teacher of Students with Auditory Impairments is not required to pass the Texas Assessment of Sign Communication (TASC) or the Texas Assessment of Sign Communication-American Sign Language (TASC-ASL) in order to be assigned to a classroom in which another communication method is used predominately. If this teacher completes certification requirements through a State Board for Educator Certification-approved educator preparation program in Texas, the program must have assessed proficiency in the communication method and verified it to be at an appropriate level.

State Board for Educator Certification	19 TAC Chapter 231	
SPECIAL EDUCATION RELATED SERVICES PERSONNEL		
TITLE CERTIFICATES		
Teacher of Gifted and Talented Students	Teacher certificate in an appropriate subject area and grade level of assignment Gifted and Talented Endorsement (not required for assignment) Gifted and Talented Supplemental (not required for assignment)	
NOTE: In addition to the requirements specific Chapter 89, Subchapter A of this title (relation	ed in this subchapter, individuals assigned to a gifted and talented program must comply with the provisions of ang to Gifted/Talented Education.)	
Special Education Counseling Services	Counselor School Counselor (Early Childhood-Grade 12) Special Education Counselor Special Education Visiting Teacher Vocational Counselor	
Educational Diagnostician	Educational Diagnostician	
NOTE: Individuals certified or licensed to practice of the	etice in other professions may be eligible to provide counseling services or evaluation services for students with the specific license held.	
Speech Therapy Services	School Speech-Language Pathologist Speech and Hearing Therapy Speech and Language Therapy	
NOTE: Individuals licensed by the State Bo eligible students under the scope of practice	pard of Examiners for Speech Language Pathology and Audiology also may provide speech therapy services to e of the specific license held.	
Vocational Adjustment Coordinator	Special education certificate ²	
² Plus 60 clock-hours of training appropriate for NOTE: Teachers will have three years from	r the assignment. In the date of assignment to complete the required training.	



	19 TAC Chapter 231	
ADMINISTRATORS AND OTHER INSTRUCTIONAL PERSONNEL		
CERTIFICATES		
Performs routine tasks under the direction and supervision of a certified teacher or other professional personnel.	Educational Aide I, II, III or Valid Texas Classroom Teacher Certificate	
Performs tasks under the general supervision of a certified teacher or other professional personnel.	Educational Aide II, III or Valid Texas Classroom Teacher Certificate	
Performs and assumes responsibilities for tasks under the general guidance of a certified teacher or other professional personnel. Responsibilities may include relieving teacher of selected exercises and instructional drills with students.	Educational Aide III or Valid Texas Classroom Teacher Certificate	
	Performs routine tasks under the direction and supervision of a certified teacher or other professional personnel. Performs tasks under the general supervision of a certified teacher or other professional personnel. Performs and assumes responsibilities for tasks under the general guidance of a certified teacher or other professional personnel. Responsibilities may include relieving teacher of selected exercises and	

State Board for Educator Certification 19 TAC CH		19 TAC Chapter 231	
	ADMINISTRATORS AND OTHER INSTRUCTIONAL PERSONNEL		
TITLE	TITLE CERTIFICATES		
Superintendent	Administrator Superintendent		
Principal	Administrator Mid-Management Administrator Principal Superintendent		
Assistant Principal	Administrator Assistant Principal Mid-Management Administrator Principal Superintendent		
School Counselor	Counselor School Counselor (Early Childhood-Grade 12) Special Education Counselor Vocational Counselor		
Librarian	Learning Resources Endorsement Learning Resources Specialist Librarian School Librarian (Early Childhood-Grade 12)		
Athletic Director	Teacher certificate		



State Board for Educator Certification		19 TAC Chapter 231	
PROVISIONS FOR TEACHERS CERTIFIED BEFORE 1966 AND ASSIGNED TO GRADES 6-8 (DEPARTMENTALIZED)			
ASSIGNMENT	MINIMUM REQUIREMENTS FOR THOSE WITH CERTIFICATES DATED PRIOR TO SEPTEMBER 1, 1962	MINIMUM REQUIREMENTS FOR THOSE WITH CERTIFICATES DATED AFTER SEPTEMBER 1, 1962, AND PRIOR TO SEPTEMBER 1, 1966	
ENGLISH LANGUAGE ARTS English Language Arts	18 semester credit hours in English	18 semester credit hours in English	
Reading Reading Improvement	Specific preparation in the teaching of reading ¹	Specific preparation in the teaching of reading*	
¹ Such as in-service, seminar, or col	lege course in reading		
Speech	12 semester credit hours in speech	12 semester credit hours in speech	
OTHER LANGUAGES	12 semester hours in the language of assignment	18 semester credit hours in the language of assignment	
SOCIAL STUDIES	18 semester credit hours in social studies	18 semester credit hours in social studies including 12 semester credit hours related to the assignment	
MATHEMATICS	12 semester credit hours in mathematics	18 semester credit hours in mathematics	
SCIENCE Life Science Earth Science	12 semester credit hours in science	18 semester credit hours in science(any combination of sciences)	

State Board for Educator Certification		19 TAC Chapter 231
PROVISIONS FOR TEACHERS CERTIFIED BEFORE 1966 AND ASSIGNED TO GRADES 6-8 (DEPARTMENTALIZED)		
ASSIGNMENT	MINIMUM REQUIREMENTS FOR THOSE WITH CERTIFICATES DATED PRIOR TO SEPTEMBER 1, 1962	MINIMUM REQUIREMENTS FOR THOSE WITH CERTIFICATES DATED AFTER SEPTEMBER 1, 1962, AND PRIOR TO SEPTEMBER 1, 1966
FINE ARTS Art	12 semester credit hours in art	18 semester credit hours in art
Theatre Arts	12 semester credit hours in theatre arts	18 semester credit hours in theatre arts
Music	12 semester credit hours in music	18 semester credit hours in music
HEALTH	12 semester credit hours in health	12 semester credit hours in health, biology, foods, nutrition, or physiology
PHYSICAL EDUCATION	12 semester credit hours in physical education	12 semester credit hours in physical education
TECHNOLOGY APPLICATIONS	Verified competency in accordance with procedures established by the State Board for Educator Certification	Verified competency in accordance with procedures established by the State Board for Educator Certification

State Board for Educator Certification		19 TAC Chapter 231
PROVISIONS FOR TEACHERS CERTIFIED BEFORE 1966 AND ASSIGNED TO GRADES 9-12 (DEPARTMENTALIZED)		
ASSIGNMENT	MINIMUM REQUIREMENTS FOR THOSE WITH CERTIFICATES DATED PRIOR TO SEPTEMBER 1, 1962	MINIMUM REQUIREMENTS FOR THOSE WITH CERTIFICATES DATED AFTER SEPTEMBER 1, 1962, AND PRIOR TO SEPTEMBER 1, 1966
ENGLISH LANGUAGE ARTS Analysis of Visual Media Correlated Language Arts Creative/Imaginative Writing English I-IV Humanities Independent Study in English Literary Genres Practical Writing Skills Research/Technical Writing World Literature	18 semester credit hours in English	24 semester credit hours in English
Reading Improvement Advanced Reading	Specific preparation in the teaching of reading ¹	Specific preparation in the teaching of reading ¹
¹ Such as in-service, seminar, or college cou	urse in reading	
Introduction to Speech Communication Oral Interpretation I-III Introduction to Radio and Television Debate I-III Public Speaking I-III Independent Study in Speech	18 semester credit hours in English including 6 semester credit hours in speech	12 semester credit hours in speech if teaching only one or two classes; 24 semester credit hours in speech if teaching three or more classes

PROVISIONS FOR TEACHERS CERTIFIED BEFORE 1966 AND ASSIGNED TO GRADES 9-12 (DEPARTMENTALIZED)		
ASSIGNMENT	MINIMUM REQUIREMENTS FOR THOSE WITH CERTIFICATES DATED PRIOR TO SEPTEMBER 1, 1962	MINIMUM REQUIREMENTS FOR THOSE WITH CERTIFICATES DATED AFTER SEPTEMBER 1, 1962, AND PRIOR TO SEPTEMBER 1, 1966
Journalism	18 semester credit hours in English including 6 semester credit hours in journalism	12 semester credit hours in journalism if teaching only one or two classes; 24 semester credit hours in journalism if teaching three or more classes
OTHER LANGUAGES (ALL COURSES)	12 semester credit hours in the language of assignment	24 semester credit hours in the language of assignment
SOCIAL STUDIES Advanced Social Science Problems Advanced Texas Studies American Culture Studies Psychology Sociology United States Government United States History World Area Studies World Geography Studies World History Studies	18 semester credit hours in social studies	24 semester credit hours in social studies including 12 semester credit hours related to the assignment
MATHEMATICS (ALL COURSES)	12 semester credit hours in mathematics	24 semester credit hours in mathematics

State Board for Educator Certification

BACK TO TABLE OF CONTENTS

19 TAC Chapter 231

State Board for Educator Certifica	tion	19 TAC Chapter 231
PROVISIONS FOR TEACHERS CERTIFIED BEFORE 1966 AND ASSIGNED TO GRADES 9-12 (DEPARTMENTALIZED)		
ASSIGNMENT	MINIMUM REQUIREMENTS FOR THOSE WITH CERTIFICATES DATED PRIOR TO SEPTEMBER 1, 1962	MINIMUM REQUIREMENTS FOR THOSE WITH CERTIFICATES DATED AFTER SEPTEMBER 1, 1962, AND PRIOR TO SEPTEMBER 1, 1966
SCIENCE Biology I, II	12 semester credit hours in science with at least one course in biology	24 semester credit hours in biology
Chemistry I, II	12 semester credit hours in science with at least one course in chemistry	24 semester credit hours in chemistry
Physics I, II	12 semester credit hours in science with at least one course in physics	24 semester credit hours in physics
Astronomy	12 semester credit hours in science with at least one course in astronomy	24 semester credit hours in science including at least 12 semester credit hours in astronomy
Environmental Science	12 semester credit hours in science including at least one course in environmental science and/or ecology	24 semester credit hours in science including at least 12 semester credit hours in environmental science and/or ecology
HEALTH	12 semester credit hours in health or related subjects such as nutrition, anatomy, physiology, kinesiology, other life sciences related to human health, social sciences related to mental or social health, home and family living, and first aid	18 semester credit hours in health or related subjects such as nutrition, anatomy, physiology, kinesiology, other life sciences related to human health, social sciences related to mental or social health, home and family living, and first aid
PHYSICAL EDUCATION	12 semester credit hours in physical education	24 semester credit hours in physical education

PROVISIONS FOR TEACHERS CERTIFIED BEFORE 1966 AND ASSIGNED TO GRADES 9-12 (DEPARTMENTALIZED)		
MINIMUM REQUIREMENTS FOR THOSE WITH CERTIFICATES DATED PRIOR TO SEPTEMBER 1, 1962	MINIMUM REQUIREMENTS FOR THOSE WITH CERTIFICATES DATED AFTER SEPTEMBER 1, 1962, AND PRIOR TO SEPTEMBER 1, 1966	
12 semester credit hours in art	24 semester credit hours in art	
18 semester credit hours in English including 6 semester credit hours in theatre arts	12 semester credit hours in theatre arts if teaching only one or two classes; 24 semester credit hours in theatre arts if teaching three or more classes	
12 semester credit hours in music	24 semester credit hours in music	
12 semester credit hours in industrial arts	24 semester credit hours in industrial arts	
	MINIMUM REQUIREMENTS FOR THOSE WITH CERTIFICATES DATED PRIOR TO SEPTEMBER 1, 1962 12 semester credit hours in art 18 semester credit hours in English including 6 semester credit hours in theatre arts	