

Technology Teacher Certification

Which Is Right For Me?

Technology Applications Teacher Certification

Master Technology Teacher Certification

Texas Teacher Technology Competency Certification

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Texas Teacher Technology Competencies Certification

Technology Applications Certification Areas

Certificate Available	Standards	Tentative Dates for Available Examination	Categories of Teaching Certificates
Technology Applications 8-12	TA Standards VII-XI	Fall 2004	The holder of the Technology Applications: 8-12 certificate may teach Technology Applications in Grade 8 and the following technology applications courses in Grades 9 through 12: desktop publishing, digital graphics/animation, multimedia, video technology, web mastering, and independent study in technology applications
Computer Science 8-12	TA Standard VI	Fall 2004	The holder of the Computer Science: 8-12 certificate may teach computer science I and II in Grades 8 through 12 .
Technology Applications All Level	TA Standards I-V and VII-XI	Fall 2004	The holder of the Technology Applications: Early Childhood-Grade 12 certificate may teach the technology applications curriculum in pre-kindergarten, kindergarten, and grades 1-12, with the exception of computer science I and II.
Master Technology Teacher	MTT Standards	Summer 2003	The 77th Texas legislature passed House Bill 1475 which mandates a Master Technology Teacher certification and grant program. Both the Texas Education Agency and State Board for Educator Certification are involved in the implementation of this legislation to ensure that there are teachers with special training to work with other teachers and with students in order to increase the use of technology in each classroom.

Technology Applications Certification Acquisition

1. Certification as of Fall 2004 – Regulations for Tech Apps Certification by examination.
 - a) A teacher who holds an appropriate classroom teaching certificate and a bachelor's degree may add classroom certification areas by successfully completing the appropriate certification examination(s) for the area(s) sought. **Certification by examination is not available for:**
 1. initial certification;
 2. career and technology certification based on skill and work experience;
 3. a class of certificate other than classroom teacher (e.g. Counselor, Principal, Learning Resources, Educational Diagnostician);
 4. a certificate for which no certification examination has been developed.
 - b) To apply for additional certification based on examination, the following items must be submitted to SBEC:
 1. An Application for Certification by Examination or Duplicate Certificate (SBEC-CE9) with items 1- 22 completed
 2. \$75 fee
 - c) Current Certificate holders obtaining additional certification in Tech Apps must complete certification examination and 150 continuing education credit hours every 5 years to maintain certificate in Tech Apps.
2. Certification in Tech Apps Prior to Falls 2004
 - a) Must complete an approved Technology Applications Certification Program.
 - b) "Grandfather Clause"
 1. Individuals assigned to teach one or more of the six technology applications courses prior to the 2003-2004 school year shall remain eligible to teach the courses to which they have been previously assigned. The employing school district is responsible for ensuring that these technology applications teachers stay current through annual continuing education and professional development tied directly to the specific Technology Applications TEKS in 19 TAC Chapter 126 for the course(s) taught. The school district must maintain documentation of this continuing education and professional development in the personnel files of the teachers.
 2. Teachers assigned to teach a Technology Applications course for only the 2003-2004 school year and years following must hold a technology applications certification.
 - c) Computer Science I and II
 1. Computer Science I and II: A teacher must hold a Computer Information System (CIS) certificate or the new Computer Science certificate
3. Initial Teacher Certification in Tech Apps
 - a) Must complete all required coursework from accredited college/university
 - b) Pass Certification Examination
 - c) Complete 150 continuing education credits per year

UPDATE on Approved Certification Programs

The State Board for Educator Certification has a great online feature to provide you with updates and information on certification at: <https://secure.sbec.state.tx.us/SBECOnline/login.asp>. You will need to sign in and update your information. Then you can search for certification programs by area of the state or by certificate area. It will take a few seconds for the results list to appear.

Classroom Assignment Rules:

- A district may determine that a teacher with any life time elementary certificate is competent to teach Technology Applications at Grades PreK-5, and a teacher with any life time elementary or secondary certificate is competent to teach Technology Applications courses at grades 6-8.
- Computer Science I and II: A teacher must hold a Computer Information System (CIS) certificate or the new Computer Science certificate.
- For generalist EC-4, 4-8 and 4-8 subject certificates, if Technology Applications is taught as a separate course in grades 6, 7, or 8, the educator must hold the Technology Applications EC-12 or the Technology Applications 8-12.

Notes:

1. If not TA certified, the district is responsible for seeing that teachers have the appropriate technology applications knowledge and skills, as defined in the SBEC-approved Educator Standards for Technology Applications, to teach the course(s) to which they are assigned.
2. Individuals assigned to teach one or more of the six technology applications courses prior to the 2003-2004 school year based on meeting the above criteria shall remain eligible to teach the courses to which they have been previously assigned. The employing school district is responsible for ensuring that these technology applications teachers stay current through annual continuing education and professional development tied directly to the specific Technology Applications TEKS in 19 TAC Chapter 126 for the course(s) taught. The school district must maintain documentation of this continuing education and professional development in the personnel files of the teachers.
3. Initial assignments to teach the six technology applications courses beginning with the 2003-2004 school year require the Technology Applications Certificate.

Technology Applications Teacher Certification Preparation program

<http://www.edtech.esc11.net/tatc>

Current Technology Applications Instructional Resources

There are materials available to schools through [previous textbook/instructional materials adoptions](#). However, there were not adopted instructional materials for the elementary level or for the high school courses in Technology Applications (other than Computer Science). Resources developed by the Texas Center for Educational Technology at the University of North Texas are found at TEA's [Technology Applications Center for Educator Development \(CED\)](#).

Master Technology Teacher Certification

1. Certification Requirements – 2 Routes
 - a) Hold a Technology Applications or Technology Education certificate, complete an SBEC-approved Master Technology Teacher preparation program, and Pass the TExMaT Master Technology Teacher Certification Examination
 - b) Hold a teaching certificate, have at least three years of teaching experience, complete an SBEC-approved Master Technology Teacher preparation program, and Pass the TExMaT Master Technology Teacher Certification Examination
 1. This certification does not certify teachers to teach Technology Applications Courses
 2. This certification certifies teachers to train other teachers
 - c) Certification Approved Preparation Programs in Texas
<http://www.sbec.state.tx.us/SBECOnline/approvedprograms.asp?s=1>

Master Technology Teacher Certificate and Grant Program

The 77th Texas legislature passed House Bill 1475 which mandates a Master Technology Teacher certification and grant program. This program is very similar to the Master Reading Teacher and Master Mathematics Teacher. Both the Texas Education Agency and State Board for Educator Certification are involved in the implementation of this legislation to ensure that there are teachers with special training to work with other teachers and with students in order to increase the use of technology in each classroom.

The law states that:

The commissioner shall make grants to school districts to pay stipends to selected certified master technology teachers. The commissioner shall give preference to teachers who teach at high-need campuses. Criteria for selecting high-need campuses will be identified and approved as part of the commissioner rules. The grant program will be implemented after the development of the examination for the master technology teacher certification. While there is currently no funding for the grants, appropriations are expected once the Master Technology Teacher Certificate and examination have been implemented by SBEC.

SBEC established a committee of Texas educators, educator preparation faculty other stakeholders, and business representatives, to develop standards for the new certificate. These standards were adopted by the SBEC board in January 2002. These standards will serve as the basis for the new certificate examination. In February of 2002 another committee finalized the test frameworks for the new Master Technology Teacher (MTT) exam. Plans are for the first administration

Master Teacher Technology Certification

<http://www.edtech.esc11.net/mttc>

Texas Teacher Technology Competency Certification

Educator Standards

Technology Applications Standards for All Beginning Educators

The State Board for Educator Certification (SBEC) has approved educator certification standards in Technology Applications for all beginning educators. The standards have been developed for inclusion in SBEC-approved educator preparation programs. They are based on the Technology Applications TEKS for Grades 6-8. These standards are a part of the new Texas Examination of Educator Standards (TExES) test frameworks in Pedagogy and Professional Responsibilities. These new TExES tests were implemented in fall 2002.

Current educators should strive to meet the SBEC standards in Technology Applications for all beginning educators.

Technology Applications, Standards I–V

I.	All teachers use technology-related terms, concepts, data input strategies, and ethical practices to make informed decisions about current technologies and their applications.
II.	All teachers identify task requirements, apply search strategies, and use current technology to efficiently acquire, analyze, and evaluate a variety of electronic information.
III.	All teachers use task-appropriate tools to synthesize knowledge, create and modify solutions, and evaluate results in a way that supports the work of individuals and groups in problem-solving situations.
IV.	All teachers communicate information in different formats and for diverse audiences.
V.	All teachers know how to plan, organize, deliver, and evaluate instruction for all students that incorporates the effective use of current technology for teaching and integrating the Technology Applications Texas Essential Knowledge and Skills (TEKS) into the curriculum.

TexasTTCC

<http://www.texasstcc.net>