

## Technology Applications EC-12 Certificate Correlation Chart Educator Preparation Program

Please indicate where in the curriculum your program addresses the relevant Technology Application EC-12 standards, domains, and competencies. <i>TAC§228.30</i>	Identify Courses, Modules, and/or Training																											
<b>Computer Science 8-12 Standards</b>																												
Standard I: Domain I: Competency 001: All teachers use technology-related terms, concepts, data input strategies, and ethical practices to make informed decisions about current technologies and their applications.																												
Standard II: Domain I: Competency 002: Domain II: All teachers identify task requirements, apply search strategies, and use current technology to efficiently acquire, analyze, and evaluate a variety of electronic information.																												
Standard III: Domain I: Competency 002: 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.																												
Standard IV: Domain I: Competency 003: All teachers communicate information in different formats and for diverse audiences.																												
Standard V: Domain I: Competency 003: 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.																												
Standard VI: Domain II: Competency 004, 005, 006. The computer science teacher has the knowledge and skills needed to teach the Foundations, Information Acquisition, Work in Solving Problems, and Communication strands of the Technology Applications Texas Essential Knowledge and Skills (TEKS) in computer science, in addition to the content described in Technology Applications Standards I-V.																												
Standard VII: Domain II: Competency 004-006: The desktop publishing teacher has the knowledge and skills needed to teach the Foundations, Information Acquisition, Work in Solving Problems, and Communication strands of the Technology Application Texas Essential Knowledge and Skills (TEKS) in desktop publishing, in addition to the content described in Standards I-V.																												

